UNITED STATES WEATHER BUREAU
1870

Great Britain. Meteorological
office.
Observatories' year book. 1924.

47132

M06.1/41
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1924

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METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1924

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valencia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

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METEOROLOGICAL COMMITTEE

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1927

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Barometer Manual for the use of Seamen. A Textbook of Marine Meteorology. With an Appendix on the Thermometer, Hygrometer and Hydrometer. 10th edition. 1925. (No. 61.) (8vo.) 1s. 6d. Postage 2½d.

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Computer's Handbook. Issued in Sections. (No. 223.) (8vo.) :—
Introduction. C.G.S. Units of Measurement in Meteorology, with their abbreviations and their equivalents. 1921. 3s. 6d. Postage 1d.
Section I. Computations based on the Physical Properties of Atmospheric Air—Humidity and Density. (*Out of print.*)
Section II, Subsection I. The Computations of Wind Components from Observations of Pilot Balloons and Shell Bursts. 1920. 2s. Postage 1d.
Subsection II. Computation of Height and Temperature by means of Registering Balloons.
Subsection III. The Dynamics of the Upper Air.
Subsection IV. Tables for the Estimation of Geostrophic Winds.
Subsections II, III and IV in one cover. (*Out of print.*)
Section V, Subsections 1 and 2. Computations related to the Theory of Probabilities. Errors of Observations and Correlation. (*Out of print.*)
Subsection 3. A Collection of Correlation Coefficients from Meteorological Papers and a Note on the Partial Correlation Co-efficient. 1919. 4s. Postage 1½d.

Hygrometric Tables for the Computation of Relative Humidity, Vapour Pressure and Dew Point from Readings of Dry and Wet Bulb Thermometers exposed in Stevenson Screens. (No. 265. 1924.) (8vo.) 1s. 6d. Postage ½d.

International Codex of Resolutions adopted at Congresses, Conferences, and at Meetings of the Permanent International Meteorological Committee. 1872–1907. (No. 200. 1909.) (8vo.) 1s. 3d. Postage 1½d.

Marine Observer's Handbook. (No. 218.) 4th Edition, 1927. (8vo.) 3s. Postage 4½d.

Meteorological Corrections for the use of Gunners. Notes on. By D. Brunt, M.A., and J. Durward, M.A. (No. 241, 1921.) (8vo.) 3d. Postage ½d.

Meteorological Glossary (continuation of the **Weather Map,** q.v.). 4th issue 1918. (No. 225ii.) (Royal 16mo.) 1s. Postage 2½d.

Meteorological Observer's Handbook. Approved for the use of Meteorological Observers by the Meteorological Office and the Royal Meteorological Society. 1926 edition. (No. 191.) (8vo.) 5s. Postage 3½d.
Supplement No. 1. Instructions for Meteorological Telegraphy. (No. 191/1, 1926.) (8vo.) 2s. Postage 1½d.

1. HANDBOOKS, TEXTBOOKS, TABLES—*contd.*

Meteorological Reports issued by Wireless Telegraphy in Great Britain and by the Countries of Europe and North Africa. 4th edition, 1926. (No. 252.) (8vo.) 4s. Postage 2½d.
(*Supplements issued as necessary and priced separately.*)

Meteorology, Elementary. A Short Course in. By W. H. Pick, B.Sc. 2nd edition, 1926. (No. 247.) (8vo.) 1s. 6d. Postage 2½d.

New International Code for Meteorological Messages. Reprint of Section IV of No. 252. (No. 253. 1922.) (8vo.) 4d. Postage ½d.

Observer's Primer, being Short Instructions in the Method of Taking and Reporting Readings of Temperature and Rainfall, specially prepared for Meteorological Observers in the British Colonies. (No. 266. 1924.) (8vo.) 6d. Postage ½d.

Priced Vocabulary of Meteorological Stores. (No. 268. 1924.) (*Not on Sale.*)

Seaman's Handbook of Meteorology. A companion to the Barometer Manual for the use of Seamen. 3rd edition, 1917. (No. 215.) (8vo.) 3s. 6d. Postage 2d.

Stevenson Thermometer Screen in accordance with the Specification drawn up by a Committee of the Royal Meteorological Society. Instructions for making. (Form 63. 1922.) (8vo.) (*Out of print.*)

Tables for the Reduction of Meteorological Observations. Published by the Indian Meteorological Department. Includes Tables for finding the Absolute and Relative Humidities from Readings of Wet and Dry Bulb Thermometers. (4to.) 2s. Postage 5d.

Tropical Africa. Hints to Meteorological Observers in. With Instructions for taking Observations and Notes on Methods of recording Lake Levels. 2nd edition. Revised 1907. (No. 162.) (8vo.) 9d. Postage 1d.

Weather Forecasting for Seamen, in the Eastern North Atlantic and Home Waters. By Commander L. A. Brooke-Smith, R.D., R.N.R. (No. 246. 1921.) (8vo.) 6d. Postage 1d.

Weather Forecasts Transmitted by Telegraphy or Radio-Telegraphy. Forecast Code for the Abbreviation of. (No. 244. 1922.) (8vo.) 1s. Postage 1d.

Weather Map. An introduction to Modern Meteorology. By Sir Napier Shaw, F.R.S. 6th issue. 1925. (No. 225i.) (Royal 16mo.) 1s. 3d. Postage 1½d. (*See also* **Meteorological Glossary,** *in continuation of the* Weather Map.)

Weather of the British Coasts. (No. 230. 1918.) (8vo.) 4s. 6d. Postage 4d.

Wireless Weather Manual, being a Guide to the Reception and Interpretation of Weather Reports and Forecasts distributed by Wireless Telegraphy in Great Britain .(No. 255. 1922.) (8vo.) 9d. Postage ½d.
(*Supplements issued as necessary and priced separately.*)

2. JOURNALS.

Marine Observer. Commencing January, 1924, in substitution for the monthly issues of Meteorological Charts of the North Atlantic Ocean and East Indian Seas. (No. 262.) (12½ in. by 9½ in.) Published monthly. 2s. Postage 2d.
(*Annual subscription, 25s. post free.*)

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PREFACE.

Up to the end of 1921, the serial statistical publications of the Meteorological Office were grouped together as though they were parts of one comprehensive book. This book, which was entitled "The British Meteorological and Magnetic Year Book," consisted of :—

Part I	The Weekly Weather Report.
Part II	The Monthly Weather Report.
Part III, Section I	Daily Readings at Meteorological stations of the First and Second Orders.
Section II	Geophysical Journal, Daily Values of Meteorological and Geophysical Elements.
Part IV, Section I	Hourly Values from Autographic Records. Meteorological Section.
Section II	Hourly Values from Autographic Records. Geophysical Section.
Part V	Réseau Mondial.

The data for the year 1922 and subsequent years are found in the following publications, each of which is issued either as a complete and independent volume or in parts which may be bound into annual volumes :—

New Publication from 1922.	Corresponding parts of the British Meteorological and Magnetic Year Book until the end of 1921.
The Weekly Weather Report	Part I.
The Monthly Weather Report	Part II.
The Observatories' Year Book	Part III, Section II. Part IV, Section I.* Part IV, Section II.
The Réseau Mondial	Part V.

It will be noticed that Part III, Section I, of the old publication is not included in the new issues. This part contained "Daily Readings at Meteorological Stations of the First and Second Orders," and it has been decided that as the new Observatories' Year Book will contain daily values of the meteorological elements for the principal first order stations and the Daily Weather Report contains daily values for about 40 other stations, it is not necessary to revive the issue of this section, which ceased with the data for 1921.

The present volume is the third issue of the Observatories' Year Book. It contains meteorological and geophysical data for Lerwick, Aberdeen, Eskdalemuir, Valencia and Kew, and in addition an aerological section giving the results of soundings of the upper atmosphere by means of registering balloons.

For assistance in the preparation of this volume, thanks are due to Dr. C. Chree, F.R.S., who was Superintendent of Kew Observatory during the year under review and retired in April, 1925.

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* Part IV., Section I.—Hourly Values from Autographic Records, Meteorological Section, was discontinued after the data for 1913 had been published, and it is not proposed to continue it to the end of 1921 as is the case with the other sections.

(13). Wt. 4932—13402/297. 300 Bks. 3/27. T.S. 66.

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LIST OF OBSERVATORIES.

	Latitude.	Longitude	G.M.T. of Local Mean Noon	Height above M.S.L. in metres.
	° ′	° ′	h m	
Lerwick	60 8 N.	1 11 W.	12 5	81·7
Aberdeen	57 10 N.	2 6 W.	12 8	14·0
Eskdalemuir, Dumfries-shire	55 19 N.	3 12 W.	12 13	242·0
Valencia Observatory, Cahirciveen, Co. Kerry.	51 56 N.	10 15 W.	12 41	9·1
Kew Observatory, Richmond, Surrey ..	51 28 N.	0 19 W.	12 1	5·5

Note.—The height given is that of the site of the rain-gauge. The heights of other meteorological instruments are shown under the appropriate Tables.

NORMAL VALUES AND MONTHLY SUMMARIES.

Monthly and annual normals of pressure, dry bulb temperature, relative humidity, wind speed and rainfall for each hour of the day and for the period of 45 years, 1871–1915, are published for the observatories Aberdeen, Cahirciveen, Richmond and Falmouth in *Hourly Values from Autographic Records*, 1917 (Part IV. of the British Meteorological and Magnetic Year Book, 1917), and in previous volumes of that series. Corresponding normals of sunshine are also published there for the same observatories and for the period of 35 years, 1881–1915.

For Eskdalemuir the same publication gives hourly averages for the months and for the year, referred to the period 1911–1915.

Monthly Summaries giving additional mean values and frequencies of occurrence of various phenomena will be found for all the observatories in *The Monthly Weather Report* and its Annual Summary. The latter also contains special summaries of the tabulations of the anemographs.

GENERAL INTRODUCTION TO THE METEOROLOGICAL TABLES.

The elements dealt with in the following meteorological tables for the Observatories at Aberdeen, Eskdalemuir, Cahirciveen and Richmond are :—barometric pressure, air temperature, humidity, rainfall, sunshine, wind speed and direction, minimum night temperature on the grass, cloud and weather, and in some cases temperature in the ground, solar radiation and level of underground water.

The positions of the Observatories and the heights of the sites are given on p. 8.

Notes on the Instruments and Tabulation of the Records.

A detailed description of the barograph, thermograph, cup anemograph and Beckley raingauge used for obtaining the records of pressure, temperature, humidity, wind speed and direction,* and rainfall is given in the *Reports* of the Meteorological Office for the years 1867 and 1869; for a description of other instruments in use reference may be made to the *Meteorological Observer's Handbook* and to the article on Meteorological Instruments in the *Dictionary of Applied Physics*, Vol. III. The following notes are supplementary and are given partly for reference and partly as containing information necessary for the interpretation of the tables.

Barometer.—The record of barometric pressure is obtained photographically from a mercurial barometer.

A beam of light is passed through the space between the surface of the column of mercury and the top of the tube, and, after passing through a diaphragm which reduces the width of the beam of light to a very narrow sharp line, is focussed upon a sheet of sensitised paper (ordinary " bromide " paper is employed) carried upon a cylinder which is rotated by clockwork and makes one revolution about its vertical axis in rather more than 48 hours.

The *barogram* is therefore a continuous photograph of this narrow vertical line, and appears as a horizontal ribbon, the depth of which is constantly varying with the rise or fall of the mercury in the tube of the barometer.

The expansion of a zinc rod is utilised to compensate for the effect of temperature upon the height of the barometric column ; the arrangement produces mechanically a lengthening of the beam of light at its upper end as it becomes shortened at its lower extremity by the expansion of the mercury in the tube. A time-scale is recorded upon the barogram by means of a shutter actuated by the clock. This shutter cuts off the light for the space of four minutes every two hours, thus producing interruptions which appear as narrow white spaces on the record corresponding with known points of time. Until 1918 these time-breaks occurred at the even hours, 2h, 4h, 6h, etc., but it was found that when the edge of the record was not critically sharp owing to various causes, a systematic error was introduced when measuring the records, whereby the values at the even hours were slightly in excess of those at the odd hours where no time-break existed. From 1918 onwards the clock was so arranged that the time-breaks should occur half an hour before the even hours ; by this means both even and odd hour-values are measured at points on the trace which are unaffected by any systematic difference.

Control readings of a standard barometer are taken three times a day by different observers. The control readings are first corrected for index error, temperature and gravity, and then compared with the corresponding readings of the barogram. The differences between the control readings and the corresponding tabulated values are then found and a correction derived therefrom is applied to all the tabulated values. This correction, known as the " residual correction," is so applied as to run smoothly throughout the whole length of each record—a period of 48 hours—and alterations in the amount of the correction occur, where necessary, in steps not exceeding 0·1 millibar.†

* At Eskdalemuir wind speed and direction are recorded by a Dines tube anemograph (see p. 90).

† At Kew Observatory the rule is to apply the same correction for the whole chart.

The scale value of the barograms is found from a comparison of a series of such standard and curve readings. The indications of a curve are converted into numerical values by measuring the ordinates with a tabulating instrument, graduated according to the ascertained scale value.

Thermometers.—The air temperature data at each Observatory are derived from records obtained photographically from two mercurial thermometers. One thermometer is used as a dry-bulb and the other as a wet-bulb thermometer.

Each thermometer has a large cylindrical bulb four inches long and a very long stem. The latter is bent twice at right angles to enable the bulb to be exposed outside the building in a louvred screen attached to the north wall of the Observatory.* The column of mercury in the vertical portion of the stem inside the building is broken at a convenient point by a small air space which moves up or down the stem with rise or fall of temperature. The record is obtained by passing a reflected beam of light through the air space and photographing its image upon a moving sheet of "bromide" paper in the same manner as described in the case of the barometer. A base line is traced on the paper by a pencil of light passing through a small aperture in the brass frame carrying the recording thermometer. The time-scale is automatically recorded upon the curves, a time-break occurring half an hour before each even hour.

Two large standard thermometers with very open scales graduated in degrees absolute and having bulbs similar to those of the thermograph are mounted in the screen side by side and close to the thermograph bulbs. One of the thermometers is arranged as a dry-bulb, the other as a wet-bulb. Control readings of these thermometers are made three times a day for comparison with the corresponding readings obtained from the thermograms.

The scale value of the curves is found by a comparison of the readings of the standard thermometers, corrected for any errors they may have, with the corresponding measurements of the curves. The curves are measured by means of a plate of glass ruled with lines corresponding with the ascertained scale-value of the record, both for degrees and for time. The scale is graduated so as to read degrees vertically and hours horizontally.

Two alternative methods of reading the curves have been adopted.

(a) At Kew and Valencia observatories the scale is set by the base-line and after hourly readings have been obtained for the whole record comparisons are made with the control readings. The residual correction so determined (normally the same for the whole record of 48 hours) is applied to the tabulations.

(b) At Aberdeen and Eskdalemuir observatories, the practice is to adjust the glass scale so that the readings at the control hours on the trace are made to show general agreement with the corresponding eye-readings of the standard thermometers. The temperature equivalent of any part of the curve can then be read off. The base-line photographed on the record serves as a useful check.

Rainfall.—This element is recorded by a Beckley self-registering raingauge, in which the rain as it falls is collected in a receiver supported on a float in a vessel of mercury. As the rain passes into the receiver, the float gradually sinks, carrying with it a pen which records its position upon a paper stretched upon a clock-driven cylinder. The displacement of the mercury by the float is arranged so as to give a uniform scale throughout. When five millimetres (two-tenths of an inch) of rain have entered the receiver a siphon comes into action, and, by discharging its contents, causes the float to rise till the pen is brought back to the zero line, from which the record begins again.

* At Eskdalemuir the screen stands in the open (see p. 89).

The collecting funnel of the Beckley raingauge has an area of approximately 100 square inches. Each gauge stands on level ground and its distance from every other object is greater than twice the height of the object. A check gauge with funnel 8 inches in diameter is installed near by.

The records obtained from the Beckley self-registering raingauge are subjected to a proportional correction whereby they are brought into agreement with the amount of rainfall as recorded by the check raingauge read twice daily.

Sunshine.—The record of sunshine is obtained from a Campbell-Stokes recorder, in which instrument the sun's rays are focussed through a 4-inch spherical lens of crown glass upon a strip of blue card, which is scorched, or burned right through, according to the intensity of the sun's rays. Three different patterns of card are used at different seasons of the year. The cards are exposed in a metal bowl, and the focussed image of the sun leaves its mark behind it as it travels along the surface of the card with the apparent motion of the sun through the heavens. The intensity of the burn is not measured, but the record is regarded as that of " bright " sunshine whenever the card has been distinctly scorched. When measuring the duration of sunshine which is represented by intermittent burns, an allowance is made for the extension of the trace by the charring of the card.

Wind Speed and Direction.—Except at Eskdalemuir, the records of these elements are obtained by means of a Robinson cup-anemograph, with which a Beckley windmill-vane has been combined for giving the record of direction.

Speed.—The diameter of the cups for obtaining the speed of the wind is 9 inches (0·23 m.) and the length of the arms upon which they are carried is 2 feet (0·6 m.) so that the horizontal travel of a cup-centre when 7,000 revolutions of the cups have been made is, in round numbers, 88,000 feet (26,800 m.).

The revolutions of the cups are reduced by a suitable gearing of wheels so that this number of turns shall produce one complete turn of a spiral pencil, which makes a mark upon a sheet of metallic paper carried upon a clock-driven cylinder ; the pencil is so arranged that when the trace reaches one extreme of the scale it recommences at the other.

Dr. Robinson concluded, as the result of a series of experiments made by him, that the rate of movement of the cup-centres was one-third of the horizontal movement of the wind current by which the cups were turned ; and as the instruments were constructed in accordance with this conclusion, the 7,000 turns of the cups mentioned above were regarded as indicating the passage of 50 miles (80·4 km.) of wind.

Subsequent investigations* into the relation between the speed of the wind and the rate of movement of the cups have led to the conclusion that Dr. Robinson's factor, 3, is too large for anemometers of the dimensions indicated above, and that the correct mean value of the factor is 2·2. The larger factor 3 was employed in deducing the wind velocities published in the preceding volumes of this series up to that for 1904 ; the factor 2·2 was substituted for it from the beginning of the year 1905.

If it is desired to compare the wind speeds given in the volumes previous to 1905 with those of the present year it will be necessary to reduce the former by four-fifteenths, and convert into metres per second, which may readily be done by means of a suitable conversion table. (See *Computer's Handbook.* Introduction p. 54.) If the degree of accuracy required does not exceed 2 per cent., the tabulated values in miles per hour (factor 3) may be converted into metres per second (factor 2·2) simply by dividing by 3.

The values of the hourly wind speed are means for periods of 60 minutes centred at the hours named. They have been given as recorded, no correction having been made for the effect of friction, which is of no importance except in the case of light winds, when it is doubtless different in the case of each instrument.

* A summary of them is given by F. J. W. Whipple in " Notes on the Robinson Cup Anemometer," London, Advis. Cmtte. Aeronautics, Report No. 669.

Direction.—The direction of the wind is recorded by a pencil similar to that which records the speed. Each printed value represents the general direction* for the 60 minutes centred at the hour named, as estimated from the anemogram.

Owing to the weight of some of its moving parts, the windmill-vane is undoubtedly sluggish in light airs, its records under these conditions being untrustworthy. All wind directions have, therefore, been omitted from the tables when the velocity was 1·5 metres per second or less.

Tube Anemograph.—At Eskdalemuir the speed and direction of the wind are obtained from a Dines' Tube Anemograph, while at each of the observatories information regarding the highest instantaneous wind speed and the frequencies of winds of varying speeds is also obtained from instruments of this type.

The vane-head of the tube anemograph consists essentially of (*a*) a horizontal tube mounted in the vane and open at the end which faces the wind, and (*b*) a vertical annular tube, forming part of the vane support, connected to the outside air by means of small circular holes drilled symmetrically in rows around the outer wall of the tube. An increase of pressure is produced in the horizontal tube of the vane, while the wind blowing across the rows of circular holes in the annular tube gives rise theren to a diminution in pressure, the " suction " effect. In the recorder a float of sheet copper, in the shape of an inverted bell, placed in water contained in a cylindrical tank, is capable of upward and downward movement under the influence of the pressure and suction effects, which are communicated from the vane-head by suitable piping to the space inside and the space above the float respectively. The geometrical form of the internal surface of the float is such that displacement of the float from its zero position is proportional to the speed of the wind. To the float is attached a vertical spindle which projects upwards through the lid of the cylindrical tank and carries a suitable pen at its upper extremity. This pen records the movements of the float, and therefore the variations in wind speed, on a ruled chart carried by a drum which rotates once in 24 hours.

Minimum Night Temperature on the Grass.—For determining this temperature a minimum thermometer exposed freely over the surface of the grass is used. The thermometer is enclosed in an outer glass jacket which surrounds its stem, but leaves the spirit bulb freely exposed to the air. The thermometer is supported on two small Y-shaped pieces of wood so that it lies horizontally, with its bulb about one or two inches above the ground which is covered with short grass. When snow has fallen the thermometer is supported so as to lie just above the surface of the fallen snow, but not touching it.

The thermometer is laid out at 18h each day, having been kept in an upright position, bulb downwards, inside the Stevenson Screen during the daytime so that any spirit that may have condensed in the upper part of the stem may be able to run down and join the main spirit column.

Notes on the Tables.

General.—Interpolated values are printed within brackets, ( ). Maximum and minimum values are printed in heavy type.

Standard of Time.—The observations are referred to *Greenwich Mean Time* except as regards sunshine, for which element *local apparent time* is used.

Units.—In accordance with the practice introduced in 1911, as a consequence of certain resolutions of the Gassiot Committee of the Royal Society, the values in the tables are expressed throughout in units based upon the C.G.S. System : tables for conversion to other units are given in the *British Meteorological and Magnetic Year Book* (*Part IV*) for 1913 and are also to be found in the *Computer's Handbook.*

*Formerly it was the practice to take the direction at the exact hour. The present rule was adopted as from 1st May, 1915 (see also Introduction to *Hourly Values from Autographic Records*, 1913, p. xv.).

Daily Mean Values.—The daily means of pressure, temperature, relative humidity and wind speed are obtained by adding half the sum of the values for the initial and final midnights to the sum of the 23 intermediate hourly values and dividing by 24.

In the preparation of the tables of diurnal inequalities for individual months and for the year, it is assumed that the difference of value between the means for the initial and final midnights, which may be termed, so far as the hourly variations are concerned, the non-cyclic variation, is equally distributed over the whole 24-hour period. Thus, in a table of diurnal inequalities the entry d_n for the hour n is given by

$$d_n = x_n - \bar{x} - (n - 12)\ (x_{24} - x_0)/24.$$

x_n being the value of the element at hour n and $\bar{x}$ the mean for 24 hours.

Atmospheric Pressure.—All pressures recorded in this volume are expressed in *millibars*, one millibar being equal to 1000 dynes per square centimetre. The following are the values of physical constants used in evaluating the data :—

Density of Mercury = 13·5955 grams per cc. at 0°C.
Intensity of Gravity at Sea Level (Lat. 45°) = 980·617 centimetres per second per second.
1 inch = 25·4000 millimetres.

Hence 1000 millibars corresponds with a reading of 750·076 millimetres, on a mercury barometer at temperature 0°C. in Lat. 45°, or 29·5306 inches under standard conditions of temperature (mercury at freezing point, scale at 62° F.) in Lat. 45°.

As a millibar is a pressure, it can only be obtained from the reading of a barometer after the latter has been suitably corrected for

(*a*) index error,
(*b*) temperature,
(*c*) gravity.

All these corrections have therefore been applied to the barometer readings in obtaining the pressure values published in this volume. The corrections for temperature and gravity have been obtained from tables consistent with the *International Meteorological Tables*. (Gauthier-Villars, Paris, 1890.)

Unless otherwise stated all pressure values refer to the level of the observatory as given in the headings of the tables. The reduction to Mean Sea Level, if made, has been calculated from tables prepared for each observatory from the formulæ of the *International Meteorological Tables*.

The tables contain values of pressure at exact hours obtained from the photographic barograms in the manner described on p. 9 ; also daily, monthly and annual means of hourly values, together with the monthly and annual means of diurnal inequalities. Monthly and annual means of the hourly values after reduction to mean sea level are also given.

There is also a table showing the daily extremes of pressure, i.e. the maximum and minimum values recorded during each day.

Temperature.—The scale on which temperatures are recorded is such that the freezing point of water under atmospheric pressure is 273 a. precisely. Other temperatures differ by 273·0 from readings on the Centigrade scale.

The scale approximates to the absolute scale defined by Lord Kelvin, on which the temperature of the freezing point is 273·1 to the nearest tenth of a degree.* Accordingly, to convert temperatures published in this volume to the Kelvin scale, a correction + 0·1 is to be added to each reading.

As an alternative to the application of this correction modified values may be used for the constants which enter certain formulæ. For example :—At temperature t on the scale adopted in the Year Book, the radiation according to Stefan's Law† is

$$5{\cdot}709 \times 10^{-5}\ (t + 0{\cdot}1)^4 \text{ erg./(cm.}^2 \text{ sec. deg.}^4\text{)} ;\ \text{or } 5{\cdot}717 \times 10^{-5}\ t^4 \text{ erg./(cm.}^2 \text{ sec. deg.}^4\text{)}$$

In using the modified formulæ we are virtually adopting a scale of temperature with the degrees greater than those of the Centigrade scale, in the ratio of 273·1 to 273. This is the practice of the *Computer's Handbook* of the Meteorological Office.

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* A. L. Day and R. B. Sosman, *Dictionary of Applied Physics*. Macmillan, London, 1922. Vol. I., p. 840.

† The constant 5·709 is the value which has been adopted by the International Research Council for publication in the "*International Critical Tables*."

The tables give the values of temperature at exact hours obtained from the photographic thermograms ; also daily, monthly and annual means of hourly values, together with the monthly and annual means of diurnal inequalities. There is also a table showing the daily extremes of temperature.

Humidity.—When the temperature of the wet bulb is above 273a, values of relative humidity at exact hours are deduced from the corresponding values of dry and wet-bulb temperature obtained from the photographic thermograms, complete saturation being taken as 100. The tables employed in effecting the reductions appear in the *Computer's Handbook* (Section I). These tables are based on Glaisher's factors and make no allowance for the effect of the wind.

When the wet-bulb reading does not exceed 273a, the above method of reduction is not followed, but values of relative humidity are derived from the record of the hair hygrograph. To these values are applied appropriate corrections based on a comparison between the readings of the record of that instrument and the corresponding values of humidity computed from dry and wet-bulb readings during neighbouring periods when the wet-bulb readings exceeded 273a.

Tables are printed giving the values of relative humidity at exact hours together with daily, monthly and annual means of hourly values. Means of vapour pressure computed from the corresponding mean values of temperature and relative humidity, together with monthly and annual means of diurnal inequalities of relative humidity, are also given.

Rainfall.—Tables are given showing for the 60 minute intervals between exact hours* the amount of precipitation, expressed in millimetres, derived from the record of the Beckley gauge (see p. 10). Totals of amount are given for each day, and for each month ; the latter totals referring both to the complete days of the month, and to each of the hours of the day. When zero rainfall is assigned to a particular hour, the entry appears as " ... ". Corresponding totals of duration of rainfall are also given, the duration being regarded as the number of hours during which rain falls at a rate of not less than 0·1 millimetre per hour. If slight precipitation, due to rain, snow, fog or dew, extends over some hours, and if the amounts collected in some or all of the hours are less than ·1 mm., the fact is indicated by a succession of entries, each of which is enclosed within brackets, covering the period over which precipitation is known or believed to have occurred. In such cases entries of (·1) are allocated evenly among the hours concerned in such a way that their sum is equal to the aggregate fall during the period, and the remaining entries are (...), (*), (≡) or (⌓) according as the precipitation took the form of rain, snow, fog or dew. Slight precipitation which takes other forms such as hail, sleet, hoar frost, glazed frost and rime is dealt with similarly. When it is impossible to determine the hourly amounts of precipitation, e.g. during snowfall or on occasions when the record has failed, the normal procedure is to consider each case on its merits, and to assign hourly values derived from estimates made by the observers as soon as possible after the event. Such values are also enclosed in brackets.

Annual totals of hourly amounts and duration and notes on special features of the rainfall of the year are also given.

Sunshine.—Tables are given showing for each of the 60-minute intervals between exact hours† according to *local apparent time,* from sunrise to sunset, the duration of bright sunshine recorded by the Campbell-Stokes instrument. The sums and means of hourly amounts are also given. For each day is shown the total duration of bright sunshine, and also the percentage this represents of the " possible " duration for the day. The " possible " for each day is computed as the period of time beginning and

* For the years 1904 to 1920 it was the practice to tabulate rainfall for the period of 60 minutes centred at the exact hours ; the reversion to the method in use for 1903 *et ante* occurred on 1st January, 1921.

† Previous to 1st January, 1921, sunshine was tabulated for the period of 60 minutes centred at exact hours.

ending at the instants when the centre of the sun is apparently on the horizon, due allowance being made for atmospheric refraction. Even on a clear day the sun, when at an altitude less than $2\frac{1}{2}^\circ$ to 3° above the horizon, fails to make a scorch on the card of the Campbell-Stokes recorder.

A distinction is made in the tables between (*a*) sunshine not possible, and (*b*) sunshine possible but none recorded. If, in any hour, sunshine is not possible, the symbol " — " is used ; if more than 3 minutes of " possible " sunshine falls in the 60-minute interval between exact hours according to local apparent time, and if no sunshine was recorded the symbol " ... " is printed.

Wind.—Tables are printed giving the hourly values of wind speed and direction, together with the mean speed for each day, each hour, and for the month and year. Values of speed are expressed in metres per second (1 metre per second =2·2369 miles per hour), those of direction are given in degrees from true north. The values of direction and speed are averages for periods of sixty minutes, centred at the exact hours of Greenwich Mean Time.

For speeds not exceeding 1·5 m/s the wind directions are regarded as indeterminate and are omitted.

The daily values of the speed and time of occurrence of the maximum gust and the monthly distribution of wind derived from records from Tube Anemographs are shown in other tables.

Minimum Night Temperature on the Grass.—Values are given for each day of the year together with monthly and annual mean values. The interval to which the reading refers is from 18h the previous day to 7h on the day to which it is entered. Previously the interval was 18h to 9h at Kew and Valencia observatories.

Diary of Cloud and Weather.—Tables are printed giving particulars of amount of cloud and of the weather at 7h, 9h, 13h, 15h, 18h, 21h daily, while cloud forms are shown for the three hours 7h, 13h, and 18h. The cloud forms are in accordance with the International classification and are indicated by the following abbreviations :—

Cirrus	Ci.
Cirro-Stratus	Ci-St.
Cirro-Cumulus	Ci-Cu.
Alto-Cumulus	A-Cu.
Alto-Stratus	A-St.
Strato-Cumulus	St-Cu.
Nimbus	Nb.
Cumulus	Cu.
Cumulo-Nimbus	Cu-Nb.
Stratus	St.
Stratus-cumuliformis	St-Cuf.
Fracto-(prefix, as in fracto-stratus)	Fr-
-lenticularis (affix, as in stratus-lenticularis)	-lent.
Mammato-cumulus	M-Cu.

The figure given for the amount of cloud denotes the proportion of sky covered by cloud : the numerical scale running from 0, cloudless, to 10, completely overcast. In the columns for form of cloud all the forms noted by the observer at the time of observation are printed where space permits. When the number of forms is too great to permit this, the predominating forms selected at the time of observation to give the best representation of the cloud canopy are printed. If high or medium cloud can be seen, one of the selected types is normally a high or medium cloud. The amounts of cloud given indicate, however, the total cloudiness irrespective of form. In the case of fog through which it is impossible to discern the sun or stars the cloud amount is entered as 10, but if cloud can be seen through the fog the form and amount are entered in the usual way. If the sun or stars are visible through fog and if there is no evidence of cloud above the fog the amount is entered as 0.

For the purposes of the summary of the weather for each day, contained in the " Remarks " column, it is usual to consider the day as divided into three portions,

viz., morning, afternoon and night, denoted by *a*, *p*, *n*, respectively, but it should be noted that no arrangements are made for regular eye observation of weather changes in the period 21h 30m to 6h 30m.

In the "Remarks" and "Weather" columns the entries consist very largely of international weather symbols and the letters of the Beaufort scale. These symbols and letters are as follows :—

Beaufort Notation and International Weather Symbols.

b		blue sky. (Cloud amount 0, 1, 2, 3.)
bc		some cloud. (Cloud amount 4, 5, 6.)
c		cloudy. (Cloud amount 7, 8.)
o		overcast. (Cloud amount 9, 10.)
g		gloomy, dull appearance.
u		ugly, threatening appearance.
v	()	visibilty, unusually clear atmosphere.
z	∞	haze.
m	≡°	mist, light fog.
f	≡	fog.
fe	≡⁝	wet fog, i.e., fog which deposits water copiously on exposed surfaces.
w	⌓	dew.
x	⊔	hoar frost.
	←	ice crystals in the air.
	V	rime.
	~	glazed frost.
e		water deposited copiously on exposed surfaces, without rain falling.
y		dry air. (Relative humidity less than 60 per cent.)
p		passing showers.
d		drizzling rain.
r	●	rain.
s	✻	snow.
rs	✷	sleet.
	✢	drift snow.
	⊠	snow lying. (More than half the surrounding country covered with snow.)
h	▲	hail.
	△	soft hail.
t	T	thunder.
l	⌐	lightning.
tlr	⌈	thunderstorm
	⌒	gale.
q		squalls.
	⦶	solar corona.
	⊕	solar halo.
	⊔	lunar corona.
	⊓	lunar halo.
	⌒	rainbow.
	⌘	aurora.
	⌒	zodiacal light.
	⌓	mirage.

The letter *i* preceding a letter or symbol which denotes some form of precipitation indicates that the precipitation is of an "intermittent" or "occasional character.

The letter *j* preceding a letter or symbol which denotes some form of precipitation indicates that the precipitation is within sight, though not actually falling at the station.

The figure 0 written after and above a symbol indicates slight, whilst the figure 2 indicates strong or heavy; thus $●^0$ slight rain, $●^2$ heavy rain. The figures 0 and 2 written after and below the letters of the Beaufort notation are also used with a similar significance, thus d_0 slight drizzle. The gale symbol ⌒ is normally used in this publication to indicate that the wind as recorded by the anemograph averaged at least 17·2 *m/s* for one or more "centred" hours. At Richmond (Kew Observatory) the symbol has been used with the word gust in brackets to indicate the occurrence of gusts reaching 17·2 *m/s*.

M.O. 289
(Lerwick)

FOR OFFICIAL USE

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1924

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valencia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

LERWICK

Published by the authority of the
METEOROLOGICAL COMMITTEE

LONDON
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

1927

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LERWICK OBSERVATORY.

Latitude	60° 8′ N.
Longitude	1° 11′ W.
G.M.T. of Local Mean Noon	12h 5m.
Height of Site above Sea-Level	From 80·5 metres.
	to 90·0 metres.

INTRODUCTION.

GENERAL REMARKS.

In 1919 the establishment of an observatory in the Shetlands was included in the programme of the Meteorological Office. A wireless station built in 1913 by the Admiralty and transferred after the war to the Post Office, but used by that Department only in case of emergency, offered suitable accommodation in the way of offices and living quarters. It proved possible to make an arrangement under which the Air Ministry, on condition of maintenance of wireless plant, has the use of the station as an observatory and of the wireless plant for the transmission of meteorological reports and time signals.

The Observatory was opened on the 7th June, 1921, when the first instalment of the instrumental equipment arrived. Later on in the same year the construction of a magnetograph house and of huts for absolute magnetic and auroral observations was commenced. The magnetograph house is a heavy concrete structure with walls 2 feet 6 inches (76 cm.) thick, of internal dimensions 16 feet by 10 feet (4·9 m. ×3 m.), and after construction several months had to elapse before the thick concrete walls and roof could be thoroughly dried and the recording instruments placed in position. These instruments, which are described below, consist of magnetographs recording magnetic declination and horizontal and vertical force. In addition, in order to obtain a record of the more minute changes in the vertical component of terrestrial magnetic force, a line of twin cable was laid in an approximately horizontal plane round Loch Trebister, the terminals of the cable being connected to a suitable galvanometer on which could be measured the current induced in the cable by changes in the vertical component of terrestrial magnetic force. The arrangement is similar to one in use at Eskdalemuir Observatory, but no records from either have yet been included in official publications.

Other instruments installed at the Observatory included barometers, barograph, hygrograph, psychrometers, nephoscope, raingauges (ordinary and self-recording), sunshine recorder and Dines tube anemograph. But meteorological observations have been restricted, and the time of the somewhat limited staff available has been devoted chiefly to magnetic work.

The present is the second complete year of magnetic observations. Instrumental difficulties have continued to be experienced and (as for 1923) it has been decided to restrict publication to the monthly means extracted from the records, a summary of the absolute observations, and diurnal inequalities in declination and horizontal force.

The site and the work in Terrestrial Magnetism will now be described.

SITE.

The Observatory is situated on a ridge of high ground about a mile and a half (2·4 km.) to the south-west of Lerwick and adjoins the main road between Lerwick and Scalloway. The site slopes upward from west-north-west to east-south-east, the average height above M.S.L. being about 280 feet (85 metres). The ground to the east and south-east rises slightly for about ¼ mile (·4 km.) then slopes sharply down to the sea. In other directions there is a downward slope for about ¼ mile extending

to the Loch of Trebister on the south-west, Sandy Loch to north-west, and to the Burn of Sound to north-north-west ; beyond these and distant about $\frac{3}{4}$ mile (1·2 km.) from the Observatory are small hills—Munger Hill to the south is about 320 feet (97 metres) above M.S.L., Shurton Hill to west-north-west rises to 576 feet (176 metres), and Stony Hill to the north to about 400 feet (122 metres). In clear weather it is possible to see the Outer Skerries, $25\frac{1}{2}$ miles (41 km.) north-east by north, and Sumburgh Head, 20 miles (32 km.) south by west ; the horizon in other directions is limited to a few miles.

The average depth of soil in the vicinity is about a foot, and outcrops of sandstone occur in many places. The surrounding country is barren and desolate, the only vegetation being coarse grass, stunted heather, and moss, with occasional patches of bare black peat. The Observatory ground is of a very uneven nature, and, owing to lack of proper drainage, is frequently water-logged ; in winter it may be almost submerged for considerable periods. Views of the station are shown and the arrangement of buildings and situation of instruments are set out on a site plan in the 1923 Year Book.

TERRESTRIAL MAGNETISM.

Notes on Instruments.—Declination and horizontal force are recorded by the Adie magnetographs which were in use at Falmouth until 1912 ; the vertical force is recorded by an instrument designed by the late Prof. W. Watson, F.R.S. The set had been stored for several years, but was reconditioned by the makers and tested at Kew before being installed at Lerwick in November, 1922.

The declination magnet has a unifilar suspension, and the torsion correction is negligible. The scale value is constant for all positions of the light dot on the sheet ; throughout the year it was 1 mm. of ordinate to 1·93 minutes of arc. In the horizontal force instrument the magnet is maintained in a position approximately perpendicular to the magnetic meridian by torsion of the bifilar suspension. The vertical force instrument is of similar construction to that in use at Eskdalemuir Observatory, but consists of only six magnets. Copper damping plates are fitted to each instrument and the recording mechanism is similar to that used at Eskdalemuir. The arrangement of the instruments in the magnetograph house is shown in Fig. 2 of the 1923 Year Book.

The chief instrumental defects encountered during the year were :—

(*a*) A persistent tendency of the trace, in the case of the H force instrument, to drift away from its base-line.

(*b*) Unsteadiness of the vertical force system.

These troubles may have been largely due to the dampness of the magnetograph house, but although different types of driers were used they were not overcome during 1924. A new suspension which was fitted to the horizontal instrument in November considerably diminished, but proved ineffectual in stopping the drift. The damping of the declination magnet was increased in December by placing copper strips inside the damping box.

Adjustments to the horizontal and vertical force instruments were made on many occasions, and in consequence determinations of the scale values had to be taken frequently ; the scale values have been assigned to periods between the discontinuities recorded, instead of for each month. The determinations are made by Broun's method, the deflecting magnet being placed in the " broadside on " position and at a distance of 55·9 cm. from the recording magnets. A larger deflection distance would render the error due to inequality of the distribution co-efficients for the H, D and V magnets less appreciable, but cannot be used owing to the restricted size of the magnetograph house. The double deflections produced are approximately 87 mm. for D, 79 mm. for H, and 34 mm. for V, giving scale values for the horizontal and vertical force instruments of about 9·1γ per mm. and 20γ per mm. respectively.

It is estimated that, in general, an accuracy to within 1 per cent. has been obtained in the scale values, but it has been impossible to assign scale values to a number of vertical force records owing to the erratic behaviour of the instrument.

The records of declination, horizontal force and vertical force have been tabulated hour by hour. The values are read off by means of graduated celluloid scales, a value being the mean reading for 60 minutes centering at the hour.

Base values for the records are obtained from the results of absolute observations taken twice weekly. Horizontal force and declination are determined with Unifilar No. L 3951 (Cambridge Instrument Co.) using magnets 3951A and 3951C. The magnetometer is used on the centre pillar (No. 2) of the absolute hut, the azimuth of the fixed mark being taken as 8° 43′ 2″ east of south. Inclination is measured with Dover Circle No. 238 placed on the East pillar (No. 3), using $3\frac{1}{2}$ inch needles. In the deflection experiment three distances 25, 30 and 35 cm. are used, and a mean value of the correction, $\log_{10}(1 + Pr^{-2} + Qr^{-4})$, is derived for each month from the observations of seven cocentral months. The following table shows the values obtained for $\log_{10}(1 + Pr^{-2} + Qr^{-4})$ at 25 cm., together with the number of observations.

Month.	Mean values of $\log_{10}(1 + Pr^{-2} + Qr^{-4})$ for $r = 25$ cm.	Number of observations at 25, 30, 35 cm.
January ...	$\bar{1}\cdot99796$	9
February ...	$\bar{1}\cdot99808$	6
March ...	$\bar{1}\cdot99827$	8
April	$\bar{1}\cdot99843$	9
May	$\bar{1}\cdot99859$	6
June	$\bar{1}\cdot99871$	5
July	$\bar{1}\cdot99882$	7
August ...	$\bar{1}\cdot99891$	7
September ...	$\bar{1}\cdot99894$	10
October ...	$\bar{1}\cdot99883$	8
November ...	$\bar{1}\cdot99869$	6
December ...	$\bar{1}\cdot99858$	5

Aurora.—From about September to April, a watch for aurora is maintained normally until about 23h. G.M.T. each evening, and observations—as a rule at intervals of 15 to 20 minutes—are made of the northern horizon and of general meteorological conditions. The records form what is called the auroral log, a brief summary of which is given in Table 12. When any auroral display is observed, a second observer is called and detailed observations are maintained until the display subsides. So far these detailed observations have been mainly non-instrumental and have consisted in noting and making descriptions of the phenomena seen during the display. These notes are entered in a second log reserved for records of actual auroral displays. Extracts from this latter log may be obtained by anyone requiring the detailed information.

Notes on the Tables.—Tables 6, 7, 8 contain the mean diurnal inequalities of Magnetic Declination for the months, year, and seasons, for "all," quiet, and disturbed days respectively. Tables 9, 10, 11 deal similarly with Horizontal Force. Tables 1, 2 and 3 contain respectively, the Ranges of the Diurnal Inequalities, the Average Departure from the Mean of the Day and the Non-Cyclic Change.

Table 4 contains the Absolute Daily Ranges of the Declination. Table 5 contains the Mean Monthly and Annual Values of Declination, Inclination, and Horizontal Force, as deduced from the results of the absolute observations; the dates on which these absolute observations were made are also given.

Review of Results.—*Declination.*—The quiet day (*q*) diurnal inequalities for the months and seasons are very similar to those for 1923. The range in June is somewhat bigger than last year and the maximum occurs at the usual 13h and not 14h ; the range in July is very considerably bigger but probably the low value in 1923 was anomalous. The most striking difference between the two sets of inequalities is in October ; the morning minimum is more pronounced and occurs one hour later, the afternoon maximum is considerably higher and occurs at 14h instead of 13h and there is a gradual descent to a secondary minimum at 22h in place of the sudden check in this descent which took place at 16h in 1923.

The non-cyclic change for *q* days is positive in nine months and the mean is +·24′ per day. For all (*a*) days the change is negative in 10 months and the mean is −·11′ per day. The non-cyclic change for *q* days is not necessarily significant but the n.c. change for *a* days, which is the same as the value for 1923, and is about three times what we should expect from the secular change as derived from absolute observations, may denote a small instrumental drift.

Horizontal Force.—The same instrumental difficulties were encountered as in 1923, notably a very big drift of the magnet which shows itself in the n.c. change. This drift was larger than in 1923, but until December was much more regular, and comparison of the monthly curves for the two years suggests that the ordinary method of dealing with n.c. changes adequately meets this exceptional case.

Considering the *q* day inequalities we find a close similarity between individual months of 1923 and 1924. In January and December the curves are somewhat irregular but the total range is small. In April the range is smaller, in July very much bigger, and in September bigger than in 1923. Probably the 1924 values for April and July are more typical and the September value somewhat anomalous. It is remarkable that although in October the differences in the D curves for *q* days are, as has already been stated, striking, the differences in the H curves are trivial.

The change from a large positive n.c. change to a negative value from November to December was caused by the dismantling of the apparatus and the fitting of a new suspension. The instrument was not working from November 24th to December 24th, and the *q* day inequalities given for December are for 24th, 25th, 26th, 29th and 30th, which though free from disturbance are not the five international *q* days selected at De Bilt. The inequality for this month is thus not directly comparable with curves from other stations. Owing to the same lack of material no disturbed day inequality for December is given.

Comparison of the records of Eskdalemuir and Lerwick.—In the case of *q* days the curves representing the diurnal inequality of D at the two places are very similar—in fact, the differences are probably no greater than might be accounted for by the errors in reading the original photographic curves.

The differences in the H curves are more obvious but appear to be of an accidental kind and probably small disturbances occur at Lerwick even on international *q* days ; also the H instrument at Lerwick was not very sensitive (usually about 9γ to the millimetre on the photographic paper) so that very small errors in reading the original curves have considerable effects on the final inequalities. Judging from the one year's records alone it is safest to regard the two sets of curves as identical within the limits of accuracy possible in the measurements involved.

It was pointed out in this review last year that whereas quiet days represent a standard of quietness which varies only within narrow limits, disturbed days necessarily vary enormously amongst themselves as regards disturbance. They also vary from place to place. The system of electric currents causing the disturbance may be at distances large compared with the horizontal distance between Lerwick and Eskdalemuir, when the disturbances at the two places would be similar ; or the currents may be presumably much nearer one place than the other when the disturbances would be different in magnitude and, perhaps, even opposite in sign. Comparison of the D and H curves at the two places on disturbed days brings out the remarkable

fact that whilst the differences in the D inequalities are in general so small that the curves can be treated to a first approximation as identical the differences in the H inequalities are in some months enormous. Thus, in January, the range of the diurnal inequality at Lerwick was 166γ and at Eskdalemuir was only 29γ.

The magnetic storm on the night of the 29th-30th January, which produced a brilliant and extensive auroral display, visible at Eskdalemuir, illustrates the differences which may occur over the British Isles. The following table gives the mean hourly values of H from 16h G.M.T. on 29th to 5h G.M.T. on the 30th at Lerwick, Eskdalemuir and Kew, expressed in each case as the differences from the mean value over this interval. The last column gives the average hourly departure.

	Variation of H (unit 1γ) night 29th–30th Jan., 1924.														
G.M.T.	16	17	18	19	20	21	22	23	Midt.	1	2	3	4	5	A.D.
Lerwick	+30	+57	+153	+403	+266	+102	− 7	−110	−58	−451	−377	− 39	+12	+19	149
Eskdalemuir ...	+32	+64	+ 20	+ 15	+ 23	− 29	−26	+ 8	+18	− 75	− 32	− 16	− 1	+ 3	26
Kew	+35	+55	+ 10	− 39	− 26	− 53	−29	+ 9	+40	+ 8	+ 24	− 8	−19	− 6	26

The H curve at Lerwick on this night resembles V at Eskdalemuir more nearly than H at Eskdalemuir, both in general form and in degree of disturbance. The actual ranges of the two cannot be measured with great accuracy as the light at extreme points went off the sheet in both cases, but the ratio of the range of H at Lerwick to the range of V at Eskdalemuir is approximately 2. The D curves on this night at the three observatories show exceptionally large differences, but even so a strong family likeness remains.

It seems reasonable to suppose that, although the actual current system causing the disturbance was certainly very complex, probably occupying with its branches a large volume, varying irregularly in sign and shifting in space, yet a considerable component of the disturbing cause could be represented by a current in the upper air almost directly above Lerwick at a height comparable with a hundred miles and flowing approximately along the lines of latitude. This current attained a maximum in one direction after 20h G.M.T., and a maximum in the opposite direction shortly before 2h on the 30th ; alternatively, an already existing current at about this height would require to have been lowered to its least elevation at about 20h and raised to its greatest elevation at about 2h. The apparent proximity in this storm of the seat of the electromagnetic disturbance suggests that the case would be a suitable one for an inquiry as to a possible relation with the meteorological situation, which possessed the feature that concurrently with the magnetic storm a depression, of a depth only met with about once in two years, passed rapidly over the area immediately to the north-westward, the centre crossing Iceland at about midnight.

RANGES OF MEAN DIURNAL INEQUALITIES FOR THE MONTHS, YEAR AND SEASONS.*

1. Lerwick. **1924.**

Month and Season.	"All" Days.		Quiet Days.		Disturbed Days.	
	D.	H.	D.	H.	D.	H.
	′	γ	′	γ	′	γ
Jan. ..	5·71	30·2	3·17	5·5	15·28	166·3
Feb. ..	5·15	13·6	3·80	15·8	12·90	19·9
Mar. ..	9·15	27·4	6·40	20·8	16·85	37·0
April ..	8·90	36·6	8·55	35·4	11·95	40·6
May ..	8·55	52·4	7·75	45·7	11·35	174·7
June ..	10·52	60·8	10·27	47·1	19·36	89·9
July ..	11·15	52·1	11·83	46·8	14·61	73·2
Aug. ..	10·71	42·9	9·61	36·3	13·89	52·8
Sept. ..	9·54	41·6	9·96	42·2	12·22	66·7
Oct. ..	7·17	26·6	6·48	25·9	15·03	28·2
Nov. ..	5·55	14·6	2·93	15·4	13·32	17·7
Dec. ..	3·94	6·8	2·65	4·9	7·43	§
Year ..	7·00	31·1	6·70	27·4	10·58	43·6
Winter..	4·82	10·3	3·03	9·6	9·17	61·5
Equinox	7·61	32·6	7·69	30·6	11·59	34·9
Summer	10·19	51·4	9·88	43·9	11·13	73·6

AVERAGE DEPARTURE OF THE INDIVIDUAL VALUES FROM MEAN OF THE DAY.

2. Lerwick. **1924.**

"All" Days.		Quiet Days.		Disturbed Days.	
D.	H.	D.	H.	D.	H.
′	γ	′	γ	′	γ
1·37	4·8	0·69	1·3	3·99	19·6
1·27	3·0	0·90	3·6	2·35	4·9
2·19	6·9	1·33	5·8	3·25	8·3
2·13	9·0	1·77	8·6	3·04	8·8
2·17	11·4	1·69	11·2	2·68	37·2
2·87	11·5	2·32	12·6	4·90	18·2
2·87	11·1	2·48	10·8	4·15	16·4
2·37	10·4	2·00	9·6	3·69	12·4
2·48	9·4	2·01	10·4	3·29	14·8
1·81	6·9	1·44	7·3	3·87	6·8
1·44	2·8	0·79	3·5	3·55	3·5
1·05	1·3	0·63	1·0	2·06	§
1·94	6·5	1·46	6·8	2·94	11·4
1·25	2·8	0·74	2·0	2·51	8·8
2·13	7·9	1·62	7·8	2·95	7·9
2·56	10·5	2·09	10·9	3·59	19·4

NON CYCLIC CHANGE (24h.–0h).†

3. Lerwick. **1924.**

"All" Days.		Quiet Days.		Disturbed Days.	
D.	H.	D.	H.	D.	H.
′	γ	′	γ	′	γ
−0·25	+29·0	+1·35	+30·0	−0·04	+21·2
−0·23	+22·4	+0·04	+21·1	−0·23	+22·5
+0·02	+10·9	+0·54	+14·3	−0·73	+ 8·2
−0·14	+11·6	+0·93	+14·8	−2·37	− 1·3
−0·15	+14·6	+0·35	+16·7	0·00	+ 9·9
−0·27	+25·1	+0·39	+19·3	−1·51	+54·7
+0·23	+15·1	−0·62	+16·3	−1·93	+ 6·3
−0·14	+ 6·8	−0·23	+16·6	+0·85	− 6·2
−0·12	+13·3	−0·46	+12·5	−1·31	+ 9·5
−0·08	+24·8	+0·42	+24·0	−2·70	+32·0
−0·06	+35·9	+0·08	+34·6	−7·22	+36·6
−0·10	− 4·5	+0·10	− 7·2	−0·66	§
−0·11	—	+0·24	—	−1·49	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—

* The ranges are those shown in Tables 6 to 11, in the preparation of which the non-cyclic change has been eliminated.
† The non-cyclic changes shown under H. are mainly of instrumental origin. *See* p. 21.
§ *See* footnote to p. 25.

ABSOLUTE DAILY RANGES OF MAGNETIC DECLINATION.

4. Lerwick. **1924.**

Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Day	′	′	′	′	′	′	′	′	′	′	′	′	Day
1	3·7	7·9	4·2	8·5	11·8	13·1	17·6	17·2	30·3	9·1	19·9	5·4	1
2	10·4	6·6	21·6	7·9	7·7	13·1	13·7	14·9	13·3	7·9	19·3	5·0	2
3	22·0	7·7	24·5	12·0	10·2	12·0	13·5	12·5	13·3	6·9	13·9	8·7	3
4	7·9	5·2	11·6	11·8	11·0	13·5	14·9	18·5	9·8	21·8	7·5	7·1	4
5	4·6	32·4	15·2	10·2	11·6	11·0	15·4	18·7	23·4	18·9	5·0	3·7	5
6	6·9	19·5	20·8	18·5	9·5	11·4	16·4	12·4	26·2	9·5	21·6	3·3	6
7	18·9	20·8	45·5	24·3	8·7	11·4	15·1	14·5	32·8	11·4	14·1	5·4	7
8	10·0	8·1	20·1	18·7	13·5	14·1	12·2	8·9	49·4	12·7	3·7	12·5	8
9	6·6	7·5	18·7	12·5	11·8	16·8	21·4	8·9	15·8	10·0	12·9	7·3	9
10	43·2	16·4	18·7	8·3	7·5	112·1	9·1	8·5	17·4	8·7	14·3	4·8	10
11	13·5	14·5	15·2	11·4	8·9	49·8	10·4	11·4	9·7	10·2	12·2	7·9	11
12	7·7	7·1	11·8	9·8	10·4	12·7	9·8	10·0	25·9	8·7	6·9	32·6	12
13	3·7	8·1	9·7	8·5	15·6	16·8	13·3	14·1	21·2	8·3	24·1	11·2	13
14	4·6	6·6	7·7	8·7	6·2	9·3	9·7	12·5	8·7	7·5	23·9	11·0	14
15	11·6	3·1	9·3	9·1	10·2	10·0	19·5	11·6	14·1	8·5	13·5	12·4	15
16	12·7	9·7	9·3	10·2	11·2	15·6	15·1	12·5	12·5	9·1	8·1	5·4	16
17	17·4	14·7	7·7	17·9	14·3	14·1	16·2	36·1	10·8	12·7	5·8	14·7	17
18	12·2	5·0	14·7	13·1	11·6	23·4	24·5	22·6	14·5	21·4	4·2	9·3	18
19	11·8	8·9	22·2	14·3	12·4	47·1	13·9	10·6	18·9	6·2	34·4	10·2	19
20	7·3	44·6	25·1	12·5	13·7	32·8	13·7	9·7	10·0	13·9	7·3	25·9	20
21	4·6	27·4	19·7	12·4	27·4	20·7	16·6	12·7	9·7	10·2	13·5	15·4	21
22	25·3	14·3	28·9	11·4	64·5	15·4	10·4	14·9	13·5	8·5	9·3	5·6	22
23	34·0	28·4	22·6	8·7	51·0	22·4	8·1	12·0	17·4	43·8	5·0	14·5	23
24	29·9	15·5	11·6	12·0	18·3	10·2	8·3	10·4	36·7	47·7	63·1	7·3	24
25	13·3	17·2	11·0	20·2	12·0	11·4	23·5	11·4	15·1	28·8	16·2	3·5	25
26	10·2	17·4	10·0	14·1	11·4	14·3	21·0	11·2	15·6	6·8	19·7	4·8	26
27	8·9	10·0	11·0	10·4	15·2	12·4	32·6	11·2	30·7	23·7	4·1	8·9	27
28	9·3	8·5	9·1	12·0	37·6	10·6	16·4	11·8	14·5	17·2	3·7	6·0	28
29	131·2	6·2	11·2	13·7	14·9	13·1	12·5	32·2	13·9	6·0	5·8	3·1	29
30	107·9	—	52·7	9·7	8·1	15·6	12·7	20·3	7·5	5·8	4·8	3·9	30
31	10·6	—	30·1	—	9·8	—	13·5	11·8	—	15·6	—	5·4	31
Mean	20·1	13·8	17·8	12·4	15·7	20·2	15·2	14·4	18·4	14·1	13·9	9·1	
No. of Days used	31	29	31	30	31	30	31	31	30	31	30	31	

MEAN MONTHLY & ANNUAL VALUES OF MAGNETIC DECLINATION, INCLINATION AND HORIZONTAL FORCE.

Means of the results of absolute observations made on the dates shown below.

5. Lerwick. **1924.**

Month.	Declination (West).	Inclination (North).	Horizontal Force.
	° ′ ″	° ′	
Jan. ..	15 36 57	72 33·42	14651
Feb. ..	15 36 12	72 33·42	14643
Mar. ..	15 34 56	72 36·68	14646
April ..	15 32 43	72 36·60	14643
May ..	15 31 13	72 36·03	14638
June ..	15 28 2	72 36·12	14641
July ..	15 27 11	72 35·82	14639
Aug. ..	15 29 51	72 35·76	14642
Sept. ..	15 30 7	72 36·99	14631
Oct. ..	15 28 9	72 36·42	14639
Nov. ..	15 27 1	72 35·60	14645
Dec. ..	15 25 27	72 35·43	14647
Year ..	15 30 39	72 35·69	14642

Dates on which Absolute Observations were made.

Jan. ..	2, 4, 8, 12, 14, 17, 21, 28, 31.	2, 4, 8, 12, 14, 17, 21, 28, 31.	2, 4, 8, 12, 14, 17, 21, 28, 31.
Feb. ..	4, 8, 11, 13, 18, 28.	4, 8, 11, 13, 18.	4, 8, 11, 13, 18, 28.
Mar. ..	1, 4, 6, 12, 14, 17, 22, 26.	1, 4, 6, 12, 14, 17, 22, 26.	1, 4, 6, 12, 14, 17, 22, 26.
April ..	1, 4, 7, 9, 15, 22, 24, 28, 30.	1, 4, 7, 9, 15, 22, 24, 28, 30.	1, 4, 7, 9, 15, 22, 24, 28, 30.
May ..	6, 8, 12, 19, 20, 27, 29.	6, 8, 12, 19, 27, 29.	6, 8, 12, 19, 27, 29.
June ..	3, 5, 9, 17, 21, 25.	3, 5, 9, 17, 21, 25.	3, 5, 9, 17, 21, 25.
July ..	2, 5, 14, 17, 22, 24, 29.	2, 5, 14, 17, 22, 24, 29.	2, 5, 14, 17, 22, 24, 29.
Aug. ..	1, 6, 8, 11, 13, 21, 25.	1, 6, 8, 11, 13, 21, 25.	1, 6, 8, 11, 13, 21, 25.
Sept. ..	3, 6, 9, 11, 16, 18, 22, 26, 30.	3, 9, 11, 16, 18, 22, 26, 30.	2, 3, 6, 9, 11, 16, 18, 22, 26. 30.
Oct. ..	2, 6, 9, 13, 18, 22, 27, 31.	2, 6, 9, 13, 18, 22, 27, 31.	2, 6, 9, 13, 18, 22, 27, 31.
Nov. ..	3, 6, 12, 15, 18, 24.	3, 6, 12, 15, 18, 24.	3, 6, 12, 15, 18, 24.
Dec. ..	1, 9, 15, 27, 30.	1, 9, 15, 30.	1, 9, 15, 27, 30.

DIURNAL INEQUALITIES OF THE MAGNETIC DECLINATION.

Departures from mean of the day adjusted for non-cyclic change.

DECLINATION (*All Days*).

6. Lerwick. **1924.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
Jan. ...	−2·49	−2·05	−0·58	−0·77	−0·81	−0·19	+0·25	+0·08	+0·33	+1·10	+2·12	+2·70	**+3·01**	+2·53	+1·91	+1·06	+1·08	+0·21	−0·69	−0·41	**−2·70**	−2·18	−1·35	−2·16
Feb. ...	−0·62	−0·68	−0·89	−0·91	−1·24	−1·00	−0·54	−0·29	+0·04	+0·71	+1·79	+2·74	**+3·36**	+2·97	+2·12	+1·22	+0·23	−0·35	−1·49	−1·45	−1·58	−1·43	**−1·79**	−0·95
Mar. ...	−1·83	−1·51	−1·08	−1·60	−1·47	−1·64	−1·95	−2·14	−1·52	+0·29	+2·47	+4·63	**+5·60**	+5·42	+4·09	+2·37	+1·12	+0·35	−0·81	−1·62	**−3·55**	−2·47	−1·87	−1·25
April ...	−0·87	−1·06	−1·54	−1·85	−2·57	−3·26	**−3·30**	−3·30	−2·37	−0·62	+1·93	+4·13	**+5·60**	+5·33	+4·00	+2·68	+1·45	+0·50	−0·10	−0·46	−0·81	−1·16	−1·27	−1·08
May ...	−2·12	−1·79	−1·33	−1·83	−2·28	−2·95	**−3·69**	−3·20	−2·08	−0·14	+2·76	+4·25	**+4·86**	+4·36	+3·55	+2·89	+1·78	+1·29	+0·33	−0·12	−0·37	−1·04	−1·33	−1·79
June ...	−1·52	−2·05	−2·07	−2·74	−4·17	−4·63	**−5·00**	−4·42	−3·26	−1·25	+1·85	+4·32	**+5·52**	+5·50	+4·84	+4·59	+3·88	+2·16	**+1·16**	+0·64	−0·39	−0·48	−0·98	−1·51
July ...	−1·66	−1·93	−2·20	−3·30	−4·15	−5·13	**−5·13**	−4·63	−2·93	−0·44	+2·30	+4·81	+6·00	**+6·02**	+4·90	+3·71	+2·86	+1·91	+1·16	+0·52	+0·29	−0·97	−0·83	−1·16
Aug. ...	−1·47	−1·72	−1·76	−2·78	−3·84	**−4·48**	−4·34	−3·78	−2·28	+0·06	+2·84	+5·27	**+6·23**	+5·62	+4·07	+2·24	+0·95	+0·44	+0·41	+0·15	+0·10	0·00	−0·60	−1·33
Sept. ...	−2·34	−2·82	−1·78	**−3·42**	−3·03	−2·78	−2·07	−1·39	−0·60	+1·10	+3·57	+5·64	**+6·12**	+5·44	+3·65	+2·10	+1·35	+0·75	+0·06	−0·62	−0·97	−2·10	−2·28	−2·59
Oct. ...	−2·39	−2·39	−1·76	−1·27	−0·29	−0·37	−0·83	−1·72	−1·79	+0·06	+1·95	+3·53	**+4·55**	+4·30	+2·93	+1·81	+1·10	+0·89	+0·56	+0·08	−1·27	**−2·62**	−2·53	−2·53
Nov. ...	−1·78	−0·91	−0·42	−0·58	−0·69	−0·69	−0·62	−0·60	−0·52	+0·58	+1·74	+2·51	**+2·89**	+2·55	+2·47	+1·72	+1·25	+1·24	+0·37	−0·75	−1·99	−2·59	−2·51	**−2·66**
Dec. ...	−0·91	−0·89	−0·66	−0·58	−0·93	−0·83	−0·58	−0·66	−0·44	+0·52	+1·43	+2·10	**+2·28**	+1·91	+1·51	+1·24	+0·97	+0·60	+0·02	−0·41	−1·22	−1·51	**−1·66**	−1·31
Year ...	−1·67	−1·65	−1·34	−1·80	−2·12	**−2·33**	−2·32	−2·17	−1·45	+0·16	+2·23	+3·89	**+4·67**	+4·33	+3·34	+2·30	+1·50	+0·83	+0·08	−0·37	−1·29	−1·55	−1·58	−1·69
Winter ...	−1·45	−1·13	−0·64	−0·71	−0·92	−0·68	−0·37	−0·37	−0·15	+0·73	+1·77	+2·51	**+2·89**	+2·49	+2·00	+1·31	+0·88	+0·43	−0·45	−0·75	−1·87	**−1·93**	−1·83	−1·77
Equinox ...	−1·86	−1·95	−1·54	−2·03	−1·84	−2·01	−2·04	**−2·14**	−1·57	+0·21	+2·48	+4·48	**+5·47**	+5·12	+3·67	+2·24	+1·25	+0·62	−0·07	−0·65	−1·90	−2·09	−1·99	−1·86
Summer ...	−1·69	−1·87	−1·84	−2·66	−3·61	−4·30	**−4·54**	−4·01	−2·64	−0·44	+2·44	+4·66	**+5·65**	+5·37	+4·34	+3·36	+2·37	+1·45	+0·77	+0·30	−0·09	−·62	−0·93	−1·45

DECLINATION (*Quiet Days*).

7. Lerwick. **1924.**

Jan. ...	−1·18	−0·91	−0·19	+0·12	+0·15	+0·08	−0·12	−0·19	−0·14	+0·44	+1·45	**+1·76**	+1·72	+1·33	+0·79	+0·19	+0·15	+0·12	−0·08	−0·62	−1·04	−1·06	**−1·41**	−1·37
Feb. ...	−0·64	−0·64	−0·95	−0·60	−0·83	−0·97	−0·93	−0·66	−0·39	+0·19	+1·35	+2·53	**+2·82**	+2·16	+1·39	+0·31	−0·12	+0·04	−0·25	−0·52	**−0·98**	−0·95	−0·68	−0·71
Mar. ...	−0·27	−0·56	−0·64	−1·31	−1·33	−1·58	−1·99	**−2·08**	−1·66	−0·10	+2·01	+3·65	**+4·32**	+3·45	+2·01	+0·46	−0·33	−0·50	−0·33	−0·66	−0·75	−0·91	−0·50	−0·41
April ...	0·01	−0·50	−1·10	1·93	−2·59	−3·11	**−3·20**	3·13	−2·26	0·31	+1·09	+4·40	**+5·35**	+4·44	+2·72	+1·54	1·0·81	−0·25	0·12	−0·15	−0·02	−0·31	−0·56	−0·81
May ...	−0·64	−1·00	−1·16	−2·08	−2·82	**−3·20**	−3·18	−2·78	−1·83	−0·23	+1·97	+4·09	**+4·55**	+3·82	+2·61	+1·58	+0·87	+0·66	+0·15	−0·04	−0·12	−0·62	−0·33	−0·27
June ...	−0·48	−0·87	−1·45	−2·51	−3·49	−4·34	**−4·81**	−4·75	−3·59	−0·98	+1·99	+4·92	**+5·46**	+5·04	+3·63	+2·97	+2·10	+1·18	+0·56	+0·04	−0·06	−0·06	−0·17	−0·33
July ...	−0·62	−1·25	−1·79	−2·64	−3·45	−4·92	**−5·58**	−5·02	−3·24	−0·64	+2·70	+5·52	**+6·25**	+5·50	+4·23	+2·72	+1·25	+0·29	+0·14	+0·29	+0·44	+0·41	−0·08	−0·50
Aug. ...	−0·81	−1·10	−1·14	−2·07	−3·11	−3·92	**−4·13**	−4·09	−2·45	+0·39	+2·76	+4·83	**+5·48**	+4·92	+3·38	+1·64	+0·06	−0·33	−0·19	+0·12	+0·33	+0·08	−0·17	−0·46
Sept. ...	−1·60	−1·68	−1·64	−1·91	−2·26	−2·88	**−3·61**	−3·34	−1·64	+0·14	+2·99	+5·73	**+6·35**	+5·11	+2·76	+0·87	+0·06	−0·06	+0·02	+0·06	−0·60	−0·56	−0·68	−1·64
Oct. ...	−0·56	−0·68	−0·59	−0·79	−0·95	−1·12	−1·51	−2·20	**−2·35**	−1·12	+1·35	+2·90	+3·98	**+4·13**	+2·62	+1·51	+0·62	+0·15	−0·06	−0·71	−1·22	−1·33	−1·02	−1·04
Nov. ...	−0·75	−0·79	−0·33	−0·54	−0·69	**−0·83**	−0·54	−0·46	−0·39	+0·44	+1·49	**+2·10**	+2·07	+1·45	+0·89	+0·62	+0·35	+0·14	−0·50	−0·58	−0·79	−0·83	−0·75	−0·75
Dec. ...	−0·35	+0·17	−0·04	−0·17	−0·17	−0·35	−0·60	−0·73	−0·83	−0·02	+0·50	+1·52	**+1·78**	+1·37	+0·95	+0·73	+0·41	+0·12	−0·41	−0·71	−0·85	**−0·87**	−0·66	−0·79
Year ...	−0·73	−0·82	−0·92	−1·37	−1·79	−2·26	**−2·52**	−2·45	−1·73	−0·15	+1·88	+3·66	**+4·18**	+3·56	+2·33	+1·26	+0·52	+0·13	−0·09	−0·29	−0·47	−0·58	−0·58	−0·76
Winter ...	−0·73	−0·54	−0·38	−0·30	−0·39	−0·52	−0·55	−0·51	−0·44	+0·26	+1·20	+1·98	**+2·10**	+1·58	+1·00	+0·46	+0·20	+0·11	−0·31	−0·61	−0·91	**−0·93**	−0·87	−0·91
Equinox ...	−0·83	−0·85	−0·99	−1·49	−1·78	−2·17	−2·58	**−2·69**	−1·98	−0·35	+2·09	+4·17	**+5·00**	+4·28	+2·53	+1·09	+0·29	−0·17	−0·12	−0·37	−0·65	−0·78	−0·69	−0·97
Summer ...	−0·64	−1·05	−1·39	−2·33	−3·22	−4·09	**−4·43**	−4·16	−2·78	−0·37	+2·35	+4·84	**+5·45**	+4·82	+3·46	+2·23	+1·07	+0·45	+0·17	+0·10	+0·15	−0·05	−0·19	−0·39

DECLINATION (*Disturbed Days*).

8. Lerwick. **1924.**

Jan. ...	−8·57	**−8·70**	−1·39	−2·74	−2·47	+0·95	+3·59	+1·95	+2·88	+3·96	+5·42	+5·33	**+6·58**	+6·54	+6·20	+1·37	+3·09	−0·60	−3·94	−1·24	−7·14	−5·15	−0·97	−4·94
Feb. ...	−0·37	0·00	+0·23	+0·35	−0·23	0·00	+0·87	+0·71	+0·77	+1·06	+2·66	+3·96	**+5·62**	+4·90	+4·01	+3·09	−1·51	−3·09	**−7·28**	−4·03	−2·97	−2·49	−4·09	−2·18
Mar. ...	−3·13	−3·15	−1·76	−2·59	−1·74	−1·51	−0·56	−1·14	−0·50	+1·35	+3·84	+6·60	+6·58	**+7·22**	+6·14	+3·07	+2·61	+1·58	−0·12	−2·32	**−9·63**	−5·93	−3·78	−1·16
April ...	−1·74	−3·36	−3·01	−2·14	−3·88	**−4·69**	−3·71	−3·24	−1·83	−0·81	+2·34	+4·65	+6·89	**+7·26**	+6·41	+5·27	+2·70	+0·93	−0·08	−1·22	−1·52	−1·99	−1·51	−1·72
May ...	**−6·06**	−3·63	−0·29	+2·55	+4·25	+2·43	−0·89	−0·97	−1·25	−0·97	+1·00	+2·08	+2·66	+2·12	+3·42	**+5·29**	+3·55	+2·66	+0·19	−0·69	−1·49	−4·52	−5·56	−5·91
June ...	−7·08	**−7·37**	−3·82	−0·41	−3·82	−3·47	−4·77	−3·40	−2·99	−1·43	+2·78	+4·55	+6·06	+6·33	+5·96	+9·80	**+11·99**	+6·21	+3·20	+1·87	−4·05	−4·55	−5·00	−6·60
July ...	−2·43	−3·28	−3·42	−5·58	−5·58	**−6·47**	−5·93	−5·89	−3·28	+1·04	+3·90	+6·25	+7·64	**+8·14**	+7·22	+5·15	+5·08	+3·03	+2·03	+0·33	−0·17	−3·13	−2·55	−2·12
Aug. ...	−4·34	**−5·69**	−3·30	−3·94	−4·86	−4·67	−4·90	−3·78	−1·93	+0·95	+4·30	+6·85	**+8·20**	+7·58	+6·14	+3·86	+3·13	+2·20	+1·04	−0·66	−0·52	−0·17	−1·87	−3·61
Sept. ...	−2·51	−4·98	+2·82	**−5·93**	−4·63	−4·01	−0·93	+0·21	−0·71	+1·66	+4·21	+5·71	**+6·29**	+6·18	+4·38	+3·57	+3·09	+1·35	−0·89	−2·03	−5·37	−2·55	−2·66	−2·28
Oct. ...	−7·95	**−8·97**	−5·08	−1·87	+4·13	+4·52	+3·61	+0·73	−0·69	+1·62	+2·14	+4·07	**+6·06**	+5·27	+2·74	+1·68	+2·08	+2·66	+3·18	+1·89	−2·22	−6·60	−6·16	−6·85
Nov. ...	−4·50	−3·61	−3·15	−3·13	−3·09	−3·09	−2·74	−2·61	−2·12	−0·48	+1·25	+2·97	+4·57	+4·92	**+7·76**	+4·92	+3·55	+5·25	+5·37	+1·97	−1·76	−3·34	−3·38	**−5·56**
Dec. ...	−2·30	−3·84	−2·39	−1·22	−2·30	−1·54	−0·04	−0·21	+0·95	+1·81	+3·01	**+3·59**	+3·24	+3·20	+2·57	+2·34	+2·24	+1·24	−0·29	+0·48	−2·01	−2·88	**−3·84**	−1·81
Year ...	−4·25	**−4·71**	−2·05	−2·22	−2·02	−1·80	−1·37	−1·47	−0·89	+0·81	+3·07	+4·72	**+5·87**	+5·81	+5·25	+4·12	+3·47	+1·95	+0·20	−0·47	−3·24	−3·61	−3·45	−3·73
Winter ...	−3·93	**−4·04**	−1·67	−1·69	−2·02	−0·92	+0·42	−0·04	+0·62	+1·59	+3·09	+3·96	+5·00	+4·89	**+5·13**	+2·93	+1·84	+0·70	−1·53	−0·71	−3·47	−3·47	−3·07	−3·62
Equinox	−3·83	**−5·11**	−1·76	−3·13	−1·53	−1·42	−0·40	−0·86	−0·93	+0·95	+3·13	+5·26	+6·45	**+6·48**	+4·92	+3·40	+2·62	+1·63	+0·52	−0·92	−4·69	−4·27	−3·53	−3·00
Summer	−4·98	**−4·99**	−2·71	−1·85	−2·50	−3·05	−4·12	−3·51	−2·36	−0·10	+2·99	+4·93	**+6·14**	+6·04	+5·69	+6·03	+5·94	+3·53	+1·61	+0·21	−1·56	−3·09	−3·75	−4·56

DIURNAL INEQUALITIES OF THE HORIZONTAL MAGNETIC FORCE.

Departures from mean of the day adjusted for non-cyclic change.

HORIZONTAL FORCE (*All Days except June 1, 10; July 21, 22; Nov. 25–30; Dec. 1–23*).

9. Lerwick. **1924.**

Month and Season.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ..	−16·4	−15·5	− 3·6	+ 1·1	+ 3·7	+ 5·1	+ 4·4	+ 3·3	− 0·8	− 1·3	− 3·6	− 3·5	− 1·2	+ 1·3	+ 1·8	+ 2·0	+ 2·8	+ 5·2	+13·8	+ 9·6	+ 4·1	2·6	5·5	− 4·2
Feb. ..	+ 1·4	− 1·0	− 1·5	+ 0·2	+ 3·9	+ 3·8	+ 3·3	+ 1·9	− 1·1	− 3·6	− 7·3	− 9·7	− 8·1	− 3·8	+ 1·2	+ 1·4	+ 3·1	+ 3·2	+ 3·0	+ 3·0	+ 3·5	+ 0·1	+ 2·2	+ 0·8
Mar. ..	+ 4·0	+ 1·9	+ 1·2	+ 4·4	+ 5·0	+ 5·5	+ 4·7	− 2·5	−10·5	−15·4	−19·9	−17·3	−12·0	− 4·8	+ 0·7	+ 4·1	+ 6·1	+ 6·5	+ 6·9	+ 7·4	+ 7·6	+ 5·1	+ 5·5	+ 5·9
April ..	+ 6·2	+ 4·5	+ 3·4	+ 2·7	+ 4·0	+ 3·1	− 0·6	− 7·7	−14·5	−21·3	−25·2	−22·3	−12·7	− 3·8	+ 3·9	+ 6·5	+ 8·0	+ 11·3	+11·4	+ 9·8	+ 8·5	+ 8·2	+ 8·6	+ 8·2
May ..	− 1·7	+ 1·1	− 1·5	− 2·1	+ 0·3	− 2·1	− 7·3	−13·5	−21·9	−27·5	26·2	−17·1	− 7·3	+ 1·9	+10·9	+19·5	+24·8	+24·9	+21·6	+15·5	+10·6	+ 5·8	0·8	− 8·1
June ..	− 4·5	− 7·0	− 2·4	− 0·9	+ 1·9	+ 0·7	− 3·3	− 9·9	−13·8	−21·5	−35·6	−20·4	−12·9	− 5·7	+ 0·5	+11·4	+19·0	+25·2	+24·3	+20·6	+12·5	+10·2	+ 7·1	+ 4·7
July ..	+ 0·3	− 0·5	+ 1·0	+ 2·8	+ 0·9	− 2·4	− 7·5	−14·8	−19·7	−26·1	−27·3	−22·1	−11·8	− 1·0	+ 5·1	+12·2	+17·6	+24·0	+24·8	+20·6	+12·9	+ 6·6	+ 2·5	+ 1·9
Aug. ..	+ 5·1	+ 4·0	− 0·5	+ 4·3	+ 3·1	+ 0·3	− 3·7	−12·1	−17·3	−24·7	−26·5	−21·8	−13·9	− 3·7	+ 4·3	+ 8·9	+12·7	+16·1	+16·4	+13·1	+10·4	+ 9·8	+ 8·8	+ 6·9
Sept. ..	+ 6·5	+ 4·3	− 1·2	+ 4·7	+ 7·5	+ 5·2	− 1·5	− 8·3	−16·6	−23·5	−25·3	−20·1	−12·1	− 4·3	+ 1·3	+ 5·2	+ 9·3	+14·6	+16·3	+12·4	+ 6·5	+ 3·5	+ 8·1	+ 7·5
Oct. ..	+ 1·3	+ 1·7	+ 3·3	+ 3·4	+ 4·2	+ 6·2	+ 2·6	− 2·9	−11·6	−16·4	−17·0	−15·4	−10·9	− 7·2	− 1·9	+ 2·5	+ 4·8	+ 7·2	+ 8·4	+ 8·9	+ 9·1	+ 9·6	+ 5·6	+ 4·3
Nov. ..	− 2·8	− 0·6	− 0·2	+ 2·3	+ 5·1	+ 7·1	+ 5·4	+ 2·5	− 2·0	− 6·0	− 7·5	− 6·1	− 3·5	− 1·5	− 0·8	+ 0·9	+ 2·5	+ 3·0	+ 2·0	+ 2·3	+ 0·5	− 0·3	− 1·2	− 1·3
*Dec. ..	0·5	− 0·6	0·0	+ 1·5	+ 3·7	+ 3·3	+ 3·9	+ 2·5	0·0	0·0	− 2·9	− 2·8	− 0·6	0·0	− 0·6	− 1·7	− 1·3	− 1·0	− 0·3	+ 0·2	+ 0·6	− 1·1	− 1·1	− 1·1
Year ..	− 0·1	− 0·6	− 0·2	+ 2·0	+ 3·6	+ 3·0	0·0	− 5·1	−10·8	−15·6	−18·7	−14·9	− 8·9	− 2·7	+ 2·2	+ 6·1	+ 9·1	+11·7	+12·4	+10·3	+ 7·2	+ 4·6	+ 3·3	+ 2·1
Winter ..	− 4·6	− 4·4	− 1·3	+ 1·3	+ 4·1	+ 4·8	+ 4·3	+ 2·5	− 1·0	− 2·7	− 5·3	− 5·5	− 3·3	− 1·0	+ 0·4	+ 0·7	+ 1·8	+ 2·6	+ 4·6	+ 3·8	+ 2·2	− 1·0	− 1·4	− 1·5
Equinox ..	+ 4·5	+ 3·1	+ 1·7	+ 3·8	+ 5·2	+ 5·0	+ 1·3	− 5·3	−13·3	−19·1	−21·9	−18·8	−11·9	− 5·0	+ 1·0	+ 4·6	+ 7·1	+ 9·9	+10·7	+ 9·6	+ 7·9	+ 6·6	+ 6·9	+ 6·5
Summer ..	0·2	− 0·6	− 0·9	+ 1·0	+ 1·5	− 0·9	− 5·5	−12·6	−18·2	−24·9	−28·9	−20·3	−11·5	− 2·1	+ 5·2	+13·0	+18·5	+22·5	+21·8	+17·5	+11·6	+ 8·1	+ 4·4	+ 1·3

HORIZONTAL FORCE (*Quiet Days*).

10. Lerwick. **1924.**

	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ..	− 0·8	− 0·3	− 0·4	+ 0·7	+ 1·7	+ 1·9	+ 1·4	+ 0·3	− 1·0	+ 1·3	− 1·1	− 2·7	− 2·4	− 0·2	+ 0·9	+ 1·9	+ 2·1	+ 1·5	+ 1·6	+ 0·6	+ 0·3	1·8	1·9	− 3·4
Feb. ..	+ 2·5	+ 1·5	+ 1·4	+ 0·3	+ 2·1	+ 2·7	+ 4·0	+ 2·9	− 1·6	− 4·5	− 9·5	−11·8	−10·5	− 5·7	+ 0·7	+ 1·5	+ 1·9	+ 2·7	+ 4·0	+ 3·4	+ 3·1	+ 2·9	+ 3·1	+ 2·7
Mar. ..	+ 5·6	+ 4·1	+ 4·3	+ 5·0	+ 3·5	+ 2·8	+ 1·6	− 2·1	− 9·6	−11·4	−13·6	−14·0	−11·3	− 6·2	− 1·0	+ 3·7	+ 2·6	+ 4·1	+ 4·9	+ 4·1	+ 4·7	+ 5·0	+ 6·3	+ 6·8
April ..	+ 4·7	+ 4·4	+ 3·6	+ 4·3	+ 2·9	+ 1·5	− 3·7	− 9·8	−17·1	−20·9	−23·9	−19·1	− 8·3	+ 0·8	+ 5·5	+ 6·0	+ 8·1	+10·1	+11·5	+ 9·9	+ 8·8	+ 7·3	+ 6·5	+ 6·9
May ..	+ 7·3	+ 5·8	+ 5·4	+ 5·2	+ 4·5	+ 1·2	− 2·5	−11·0	−20·6	−26·7	−28·1	−21·4	−14·7	− 7·6	− 1·4	+ 5·9	+11·8	+16·6	+17·6	+13·5	+11·0	+11·3	+ 9·1	+ 8·0
June ..	+ 7·1	+ 0·1	+ 6·3	+ 7·1	+ 6·9	+ 4·1	+ 0·4	− 8·0	−16·1	−25·6	−28·9	−27·0	−21·6	−16·7	− 7·6	+ 1·9	+12·8	+18·2	+17·0	+17·6	+14·1	+12·6	+10·1	+ 8·0
July ..	+ 5·4	+ 4·2	+ 4·2	+ 5·7	+ 4·0	+ 1·4	− 4·2	−14·4	−20·3	−26·4	−27·8	−21·4	−12·5	− 2·1	+ 3·2	+ 9·1	+16·5	+17·8	+19·0	+13·2	+ 9·1	+ 6·9	+ 4·8	+ 4·0
Aug. ..	+ 5·9	+ 4·8	+ 4·3	+ 4·1	+ 3·4	+ 1·9	− 0·3	−10·5	−15·5	−23·1	−24·2	−21·6	−14·7	− 5·0	+ 3·4	+ 7·3	+ 9·6	+10·6	+12·0	+12·1	+10·6	+ 9·1	+ 7·9	+ 7·8
Sept. ..	+ 8·4	+ 7·0	+ 6·3	+ 6·5	+ 6·1	+ 4·5	+ 0·1	−10·6	−19·1	−26·0	−29·5	−24·8	−12·5	− 1·9	+ 2·9	+ 5·8	+ 8·9	+10·3	+12·7	+10·0	+ 7·1	+ 8·0	+ 9·2	+10·6
Oct. ..	+ 5·5	+ 5·2	+ 4·9	+ 5·1	+ 5·3	+ 4·6	+ 1·9	− 3·4	−11·1	−16·1	−18·0	−16·7	−11·7	− 7·2	− 3·6	+ 1·3	+ 4·9	+ 5·8	+ 7·9	+ 6·5	+ 7·4	+ 7·4	+ 7·1	+ 6·8
Nov. ..	− 0·4	+ 0·1	+ 1·3	+ 2·6	+ 4·8	+ 5·9	+ 3·7	− 0·8	− 4·4	− 6·8	− 9·5	− 8·6	− 5·9	− 4·1	− 1·8	+ 1·5	+ 3·7	+ 3·4	+ 3·5	+ 3·2	+ 2·6	+ 2·5	+ 2·1	+ 1·3
*Dec. ..	− 1·1	− 0·9	− 0·5	+ 0·5	+ 0·6	+ 3·1	+ 1·4	+ 0·5	− 0·9	− 1·4	− 1·8	− 1·6	− 0·1	+ 0·7	+ 0·4	− 1·8	− 1·6	− 0·5	+ 0·6	+ 1·6	+ 2·0	+ 0·2	− 0·4	− 0·1
Year ..	+ 4·2	+ 3·5	+ 3·4	+ 3·9	+ 3·8	+ 3·0	+ 0·3	− 5·6	−11·5	−15·6	−18·0	−15·9	−10·5	− 4·6	+ 0·1	+ 3·7	+ 6·8	+ 8·4	+ 9·4	+ 8·0	+ 6·7	+ 5·9	+ 5·4	+ 5·1
Winter ..	+ 0·1	+ 0·1	+ 0·5	+ 1·0	+ 2·3	+ 3·4	+ 2·6	+ 0·7	− 2·0	− 2·8	− 5·5	− 6·2	− 4·7	− 2·3	0·0	+ 0·8	+ 1·5	+ 1·8	+ 2·5	+ 2·2	+ 2·0	+ 0·9	+ 0·9	+ 0·1
Equinox ..	+ 6·1	+ 5·2	+ 4·8	+ 5·2	+ 4·4	+ 3·3	0·0	− 6·5	−14·2	−18·6	−21·3	−18·6	−11·0	− 3·6	+ 0·9	+ 4·2	+ 6·1	+ 7·6	+ 9·3	+ 7·6	+ 7·0	+ 6·9	+ 7·3	+ 7·8
Summer ..	+ 6·4	+ 5·3	+ 5·1	+ 5·5	+ 4·7	+ 2·1	− 1·7	−11·0	−18·2	−25·4	−27·3	−22·9	−15·9	− 7·9	− 0·6	+ 6·1	+12·7	+15·8	+16·6	+14·1	+11·2	+10·0	+ 8·0	+ 7·3

HORIZONTAL FORCE (*Disturbed Days*).

11. Lerwick. **1924.**

	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ..	−92·4	−81·6	−10·6	+ 2·8	+12·1	+10·1	+ 8·1	+ 6·3	+ 0·2	− 3·2	− 6·6	− 2·9	+ 0·4	+ 5·4	+ 8·1	+ 2·5	+ 8·8	+23·2	+ 73·9	+52·2	+ 21·6	− 1·8	−23·3	−13·3
Feb. ..	− 0·8	+ 0·6	− 2·4	− 2·4	+ 7·1	+ 5·6	+ 3·8	+ 2·7	+ 1·5	+ 0·8	− 1·3	−11·6	−11·9	− 8·0	+ 1·1	+ 2·9	+ 8·0	+ 6·1	+ 3·6	+ 7·3	+ 7·3	−11·0	5·2	4·0
Mar. ..	− 1·1	− 1·1	− 5·3	+ 5·1	+ 7·9	+ 8·6	+ 6·2	− 5·3	−15·2	−15·1	−20·3	−16·2	−11·3	− 0·6	+ 0·1	+ 3·2	+11·7	+11·6	+ 10·2	+10·4	+ 16·7	− 4·3	− 3·3	+ 1·5
April ..	+ 5·9	+ 3·9	− 0·5	− 1·3	+ 4·4	+ 5·3	+ 0·6	− 6·9	−11·8	−22·5	−25·7	−24·1	−12·6	− 0·1	+13·2	+14·9	+ 5·8	+ 9·0	+ 9·7	+ 7·1	+ 8·1	+ 3·8	+ 6·5	+ 7·6
May ..	−34·6	−11·6	−22·1	−33·4	−20·2	−20·7	−32·3	−33·4	−38·6	−33·8	−19·5	+ 4·7	+22·3	+45·0	+70·1	+91·2	+89·4	+63·9	+ 41·5	+17·0	+ 1·6	17·6	45·5	−83·5
June ..	−34·0	−41·4	−24·7	−25·8	− 4·3	+ 4·8	+ 2·2	− 4·7	− 9·7	−21·6	−28·8	−15·3	− 1·7	+10·8	+13·0	+31·7	+40·0	+48·5	+ 39·4	+20·5	+ 0·7	0·1	− 2·6	− 3·1
July ..	− 3·4	− 6·8	− 7·3	− 3·7	− 6·0	− 7·4	−11·4	−17·4	−26·0	−33·3	−28·7	−23·9	−13·0	+ 5·5	+11·3	+19·2	+27·9	+39·9	+ 38·7	+31·7	+15·2	+ 7·1	− 6·5	1·5
Aug. ..	+ 4·1	+ 4·6	−19·7	+ 4·9	+ 0·6	− 3·5	− 6·1	−13·9	−21·5	−29·2	−27·0	−20·2	− 7·7	+ 2·9	+11·5	+13·3	+19·1	+23·6	+ 19·6	+ 8·7	+ 9·8	+12·2	+ 9·8	+ 3·9
Sept. ..	+ 8·6	+ 1·8	− 33·1	− 5·8	+14·0	+ 8·9	− 6·8	− 8·3	−11·4	−23·7	−20·5	−12·1	− 5·8	+ 4·3	+ 9·7	+14·0	+24·2	+33·6	+ 32·5	+11·1	−20·2	−30·1	+ 4·3	− 10·8
Oct. ..	− 8·1	− 6·0	+ 3·5	+ 1·9	− 0·5	+11·0	+ 0·9	− 3·8	−11·8	−16·5	− 6·7	− 7·0	− 6·4	− 6·1	+ 2·1	+ 8·8	+ 9·1	+ 7·4	+ 6·7	+ 7·4	+11·0	+11·7	− 8·0	− 0·6
Nov. ..	−10·7	+ 0·6	− 1·3	+ 1·3	+ 5·8	+ 7·0	+ 4·6	+ 3·8	− 0·9	− 2·1	− 2·5	− 0·1	+ 2·1	+ 3·8	− 0·8	− 1·4	− 0·1	+ 2·5	+ 3·3	+ 4·7	+ 2·0	− 2·7	− 8·6	−10·3
*Dec. ..	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Year ..	−15·0	−12·5	−11·2	− 5·1	+ 1·9	+ 2·7	− 2·7	− 7·4	−13·2	−18·2	−17·1	−11·7	− 4·1	+ 5·7	+12·7	+18·2	+22·2	+24·5	+25·4	+17·3	+ 6·7	− 3·0	− 7·5	− 8·4
Winter ..	−34·6	−26·8	− 4·8	+ 0·6	+ 8·3	+ 7·6	+ 5·5	+ 4·3	+ 0·3	− 1·5	− 3·5	− 4·9	− 3·1	+ 0·4	+ 2·8	+ 1·3	+ 5·6	+10·6	+26·9	+21·4	+10·3	− 5·2	−12·4	− 9·2
Equinox ..	+ 1·3	− 0·3	− 8·9	0·0	+ 6·5	+ 8·5	+ 0·2	− 6·1	−12·5	−19·5	−18·3	−14·9	− 9·0	− 0·6	+ 6·3	+10·2	+12·7	+15·4	+14·8	+10·5	+ 3·9	− 4·7	− 0·1	+ 4·8
Summer ..	−17·0	−13·8	−18·5	−14·5	− 7·5	− 6·7	−11·9	−17·3	−23·9	−29·5	−26·0	−13·7	0·0	+16·1	+26·5	+38·9	+44·1	+44·0	+34·8	+21·0	+ 6·8	+ 0·4	−11·2	−21·1

* No horizontal force record was available from Nov. 25 to Dec. 23 inclusive. It is to be noted therefore that the "all" days diurnal inequality for December relates to the period December 24–31 only; the quiet day inequality relates to the days 24, 25, 26, 29 and 30; material to determine a disturbed day inequality was not available.

AURORAL LOG.

12. Lerwick. **1924.**

Date.	Month.	Date.	Month.	Date.	Month.	Date.	Month.
	January.		**March.**		**April.**		**October.**
2 ...		11 ...	Moonlight.	23 ...	Showers.	23 Ш	Aurora 1920–0100.*
3 Ш	Aurora 1830–2100*	12 ...		29 ...		24 Ш	Weak aurora 2150–2225.
7 ...		13 Ш	Faint auroral glow 1900–1942.	30 ...		28 ...	
9 ...						30 ...	
11 Ш	Auroral glow.	14 ...	Moonlight.		**September.**	31 Ш	Auroral glow 2120–2220.
14 ...		15 ...	Moonlight.				
16 ...		16 ...	Moonlight.	3 Ш	Weak aurora 2200–2230.		**November.**
19 ...		17 ...	Moonlight.	4 ...		2 ...	Showers.
20 ...		19 ...	Moonlight.	5 ...		3 ...	
21 ...		21 ...		9 ...		12 ...	
24 ...		23 ...		10 ...		16 ...	
25 ...		24 ...		13 ...		17 ...	
27 ...	Showers.	26 ...		14 ...		22 Ш	Showers, faint auroral glow 1905.
30 ...		28 Ш	Faint auroral glow 2050–2145.	18 ...		28 ...	
31 ...		30 Ш	Weak aurora 2040–0300.	22 ...			
	February.	31 ...		24 ...			**December.**
3 ...				25 Ш	Faint aurora* 1943–0100.	1 ...	
5 ...	Hail showers.			27 Ш	Aurora 1945–2130.*	3 ...	
6 ...			**April.**			6 ...	
15 ...					**October.**	8 ...	Moonlight.
22 ...		2 ...				9 ...	Moonlight.
23 ...		3 ...				14 ...	Moonlight.
24 ...		4 ...		6 ...		15 ...	
25 ...		5 ...		7 ...	Rain.	16 ...	Moonlight.
29 ...		7 Ш	Faint aurora 2105–2110.	8 ...		18 ...	
		8 ...		9 ...	Moonlight.	21 ...	
	March.	9 ...		10 ...		23 ...	
1 ...		10 ...		11 ...	Moonlight.	24 ...	
2 ...		12 ...		12 ...	Moonlight.	25 ...	Showers.
3 ...		13 ...		16 ...		27 ...	
5 ...		15 ...	Rain.	17 ...		28 ...	
6 ...		16 ...		20 ...		30 ...	Hail showers.
8 Ш	Auroral glow.	17 ...		21 Ш	Auroral glow 1900–2145.	31 ...	
10 ...		21 ...		22 ...			

In the interests of brevity there have been omitted from the table above all dates on which the sky throughout the evening remained completely overcast and on which, therefore, no opportunity arose of determining whether or not aurora occurred. The nights on which aurora was actually seen are indicated by the symbol Ш. The nights on which aurora was not seen, despite at least an occasional interval of more or less clear sky, are indicated by the symbol ... ; in the latter case also, remarks on the weather are added to assist the reader in judging how far the fact of no observation of aurora may be taken as indicating that there was not actual aurora. An asterisk (*) after any date indicates that a full description is available of the auroral phenomena observed on the date in question.

M.O. 289
(Aberdeen)

FOR OFFICIAL USE

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1924

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valencia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

ABERDEEN

Published by the authority of the
METEOROLOGICAL COMMITTEE

LONDON
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

1927

ABERDEEN OBSERVATORY.

Latitude	57° 10′ N.
Longitude	2° 6′ W.
G.M.T. of Local Mean Noon	12h. 8m.

Heights in metres above Sea-Level.

Barometer	26·8
Rain-gauge	14·0
Robinson Cup Anemograph	37
Dines Tube Anemograph	21

Heights in metres above ground.

Thermometer Bulbs, North Wall Screen	12·5
Sunshine Recorder	20·7
Robinson Cup Anemograph	23
Dines Tube Anemograph	13

INTRODUCTION.

SITE.

The Observatory, which was established in 1868, is housed in the top floor of the Cromwell Tower of King's College in Old Aberdeen. The College lies on a plain gradually rising from the sea from which it is distant about 1 mile (1·6 km). There are no serious irregularities of surface in the vicinity excepting the two river valleys of the Don and the Dee. To the north, at a distance of about 1 km. the Don flows eastwards to the sea ; the Dee flows into the sea at a distance of about 3 km. to the south-east of the College. Between the College and the sea is a golf course covered for the most part with grass. Westwards is the High Street of the Old Town and beyond this there is another street. Further west grass pasture extends for about one kilometre. Southward are some open spaces beyond which the modern town is reached. The enclosure in which the Stevenson screen, the Beckley and check rain-gauges and the grass minimum thermometer are exposed, lies to the north-east of the Observatory at a distance of about 50 metres. The " North-wall " screen in which the recording thermometers are exposed is erected on the wall outside the north window of the uppermost story of the Observatory. The nature of the soil and sub-soil is loam and sand.

Plans showing the position of the Observatory relative to the City of Aberdeen, and the general arrangement of the College Buildings, and also photographs will be found in the Introduction to the Observatories' Year Book 1923.

METEOROLOGY.

The elements dealt with in the following tables are :—Atmospheric pressure, air temperature, humidity, rainfall, sunshine, wind speed and direction, earth temperature and minimum temperature on the grass, together with a diary of cloud and weather.

The instruments from which values of the above elements have been obtained and the methods of tabulating the records are described in the General Introduction to this volume. The following additional information refers especially to Aberdeen.

Pressure and Temperature.—The barograph, standard Kew barometer and thermograph are housed in the uppermost story of the Observatory. The pressure scale value of the barogram is 1 mm. on the paper = 0·85 mb., when the paper is at normal atmospheric humidity. In similar circumstances the time scale is 9·3 mm. = 1 hour. The records of the photobarograph are standardised by means of control readings taken from Fortin Standard Barometer M.O. 273.

The recording thermometers are placed in the North-wall screen already referred to. The scale value of the wet bulb thermograph record is 1° absolute = 3·20 millimetres on the paper; for the dry bulb thermograph the scale value varies slightly with the temperature but is approximately 1° absolute = 3·4 millimetres. The time scale is 1 hour = 9·23 millimetres. Reading of the photothermograms is done by means of glass measuring scales, the records being standardised by control readings from Standard Thermometers M.O. 1698 (dry bulb) and M.O 1697 (wet bulb). The heights of the barometer cisterns and of the bulbs of the thermometers are given at the top of the appropriate tables.

Rainfall.—The recording instrument in use is Beckley rain-gauge No. 2 with an area of 101·1 square inches (653 cm².). The procedure adopted in tabulating the records is similar to that described in the General Introduction and calls for no comment. Control is by check gauge M.O. 167.

Humidity.—On those occasions when the temperature of the wet bulb has been 273a or under, the relative humidity has been obtained from the records of a hair hygrograph. This instrument is accommodated in a small louvred screen which rests on top of the Stevenson screen and is securely fixed to it. The hygrograph is 11·6 metres below the level of the thermograph bulbs in the North-wall screen, and in using its records an appropriate adjustment is made.

Sunshine.—The sunshine recorder (Campbell Stokes type) is exposed on the small circular tower on the Observatory roof on which the Robinson Cup Anemograph is erected. It is rigidly held by lead flaps soldered to the lead roof. The exposure is excellent, the only obstruction is a flagpole to the east, of angular diameter about 1°, which may obstruct 0·1 hr. record about 7h between April and September. The "possible" duration of sunshine has been computed from the mean solar declination for the four years 1849, 1850, 1851 and 1852.

Wind Speed and Direction.—The Robinson Cup anemograph is erected on the top of a small cylindrical tower which rises about fifteen feet (4·6 m) above the main square tower and about five feet (1·5 m.) above a smaller tower at the south-west corner of the main tower. The height of the cups above this smaller square tower (which may for the purpose be regarded as the "roof" of the building) is about 4 metres. Owing to the surrounding buildings the exposure of the instrument is a very gusty one, particularly towards south and west.

There is also in use a Dines Tube Anemograph which is mounted in a more open exposure in a field about ½ km. east of the Observatory. The speeds given in Tables 83–94 are those obtained from the Cup Anemograph, but the directions are taken from the records of the tube instrument, as are also the particulars of the highest gust each day and the annual table of distribution of wind speed given in Tables 95–96.

A careful analysis of simultaneous records of the two anemographs* has shown that the directions recorded by the two instruments differ only very slightly; but the values of velocity show considerable differences. Those recorded by the tube instrument exceed those recorded by the Cup Anemograph by between 10 and 30 per cent., depending upon the direction of the wind. This fact must therefore be borne in mind in using the values entered in Table 96 giving the annual distribution of wind speed. The monthly tables of hourly values are obtained from the Cup Anemograph velocities, in order to maintain continuity with previous years' publications.

* To be published later as a Geophysical Memoir.

Temperature in the Ground.—This is recorded by a thermometer (unnumbered), which is kept at a depth of 124 cm. (four feet). At Aberdeen the thermometer is carried in a slot near the end of a long bar of wood, about three inches (7·5 cm.) square in section. This bar fits closely into a wooden sleeve, sunk vertically into the earth, so that the bulb of the thermometer is at the required depth. The thermometer itself is enclosed in a glass tube, and its bulb is embedded in paraffin wax so as to render the thermometer insensible to sudden changes of temperature. This allows of its being drawn to the surface and read before the temperature of the bulb has time to change appreciably. As underground temperature changes very slowly, the loss of sensitiveness, resulting from the coating of wax, does not lead to inaccuracies in the determination of the temperature of the earth. The thermometer is read at 9h each morning.

Minimum Temperature on the Grass.—The grass minimum thermometer is exposed in the enclosure on two wooden pegs about 4 cm. above grass. It is set at 18h and read at 7h, the reading being entered to the day of observation.

Cloud.—In connection with the observations of cloud-forms it might be well to indicate the practice adopted at Aberdeen in dealing with the types Nimbus and Strato-cumulus in view of the fact that there exists among meteorologists some divergence of opinion upon these types, and also because suggestions have been made for a prospective modification in the definitions of the International Classification.

In the case of Nimbus it is the custom at Aberdeen to enter " Nb " on all occasions when the cloud layer from which rain is falling is obviously dense and has developed from A-St, even when no Fr-Nb is visible below it. This is done because it is not always certain to the observer whether the cloud layer is actually uniform low A -St developed as far as rain, or whether a slight mist-film exists below the ragged Fr-Nb., obscuring the latter from view, and thus giving it the appearance of a uniform featureless sheet. (It is probable that in future a suggestion will be made to extend the definition of A-St in the International Classification to include the dense rain-giving layer which develops from the normal A-St.)

On occasions when the low anticyclonic stratus degrades into drizzle or light rain, it is customary at Aberdeen to enter Nb-St. (Nimbo-stratus). The entry " St " is reserved for the type of cloud found generally in dry anticyclonic weather.

The entry St-Cu includes only the cloud-forms as defined under that heading in the International Classification, though some of the entries might equally well have been termed A-Cu. It does not, however, include the bases of closed-up cumulus clouds, nor groups of cumulus arranged in lines.

IDENTIFICATION NUMBERS OF INSTRUMENTS USED IN 1924.

The following were the instruments actually in use during the year 1924 :—

Standard Fortin Barometer	M.O. 273
,, Dry Bulb Thermometer ..	M.O. 1698
,, Wet ,, ,, ..	M.O. 1697
Recording Beckley Raingauge	2
Control Raingauge..	M.O. 167
Glass for ,, ...	M.O. 400
Hair Hygrograph	M.O. 35
Campbell-Stokes Sunshine Recorder ..	M.O. 32
Robinson Cup Anemograph	M.O. 50
Dines Tube ,, ,, ...	M.O. 1011
Earth Thermometer	—
Grass Minimum Thermometer	M.O. 17007

Review of Meteorological Results.

The records for the year show a large deficiency of pressure during the summer half of the year, particularly during August and September; in the latter month pressure was nearly 9 mb. below the normal. Only in February, March, and November was pressure higher than the normal, the excess in February and November being about 4 mb. Associated with this deficiency of pressure the records of rainfall show a marked excess of precipitation during the summer half of the year (April to September). This period was noteworthy for three great "pulses" of rainfall, the months of May, July and September each yielding about twice the normal quantity of rain, while the intervening months were slightly below the normal. Over the whole year there was a net excess of 110 mm., the total rainfall being 858 mm., equal to 115 per cent. of the normal value. Of this amount 516 mm. fell during the summer half of the year, and 342 mm. during the winter half. Expressed in percentages of the average values for these two divisions of the year, the six summer months had 149 per cent. of the average, while the six winter months had only 85 per cent. March was the only month showing marked paucity of precipitation, less than half the normal quantity being recorded in that month.

Temperature was slightly above the average in the first two months of the year, but showed a sharp actual—as well as relative—fall in March, which was the coldest month of the year. In March temperature was 1·3a below that recorded in January and February, and 3·0a below that of April, the deviation from the normal being −1·4a. During the succeeding months the variations of temperature from the normal were slight, but in November there was a marked excess, and this became accentuated in December. These two months were +1·6a and +2·9a respectively above the normal values, the December excess being a somewhat exceptional abnormality.

The temperature of the ground at a depth of 4 feet (124 cm) showed characteristics very similar to those of the air temperature, a lag below the normal values being shown during the greater part of the year, but an excess in November and December.

Sunshine was much below the normal in every month except September, when, despite the heavy rainfall, an excess of 7 per cent. over the average was recorded. May, which is usually the brightest month of the year, showed the greatest percentage deficiency, amounting to 14 per cent. Altogether, taken over the whole year the sunshine recorded was 5 per cent. lower than the normal.

On the whole the year was rather less windy than usual, except in February, when the average hourly velocity, as recorded by the tube anemograph, was 6·4 m/s., and by the cup anemograph 5·4 m/s.

Summed up, therefore, the year 1924 at Aberdeen might be described as very dull, with rather less wind than usual in most months and with a very wet summer half of the year and an unusually warm winter half.

Readings in millibars at exact hours, Greenwich Mean Time.

13. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·8 metres. **January, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	014·5	014·5	014·3	014·5	014·7	015·2	015·5	015·6	015·9	016·5	016·4	016·0	015·6	015·6	015·4	015·3	015·3	015·4	015·3	015·3	014·9	014·6	014·0	013·5	015·2
2	013·0	012·5	011·8	011·4	010·9	010·8	010·4	010·2	010·4	010·0	009·8	009·1	008·8	008·6	008·3	007·9	007·8	007·9	007·6	007·3	007·0	006·9	007·1	007·1	009·4
3	007·1	007·2	007·3	007·4	007·4	007·7	007·8	008·1	008·7	009·3	009·7	009·5	009·7	009·8	010·3	010·8	011·4	012·0	012·3	012·6	013·2	013·5	014·0	013·9	009·9
4	014·4	014·6	014·6	014·5	014·7	014·9	014·7	015·0	014·9	015·2	014·7	014·4	014·3	014·3	014·4	014·3	014·5	014·6	014·7	014·9	014·7	014·7	014·7	014·7	014·6
5	014·6	014·6	014·6	014·3	014·1	013·7	013·6	013·4	013·6	013·6	013·6	013·4	013·1	013·1	012·9	012·7	012·6	012·3	012·4	012·9	012·9	012·8	012·8	012·7	013·4
6	012·3	012·0	012·0	011·4	011·0	010·5	010·3	010·4	010·5	010·5	010·2	009·8	009·0	008·7	008·6	008·0	007·6	007·0	006·8	006·3	006·1	005·9	005·9	005·8	009·2
7	005·4	005·0	004·5	004·5	004·2	004·3	004·6	004·9	004·9	005·2	005·5	005·1	005·3	005·5	005·6	005·7	005·7	006·0	006·3	006·4	006·2	006·1	006·4	006·3	005·4
8	005·7	005·6	005·0	004·4	004·1	003·7	003·8	004·1	003·8	004·2	004·1	003·6	003·1	002·7	002·6	002·9	002·9	002·7	002·7	002·5	002·0	001·7	001·5	001·2	003·5
9	000·6	999·9	999·5	999·0	998·3	997·9	997·8	997·6	997·3	997·0	996·8	996·3	996·1	995·8	995·6	995·8	995·4	995·4	995·2	995·2	995·0	994·4	994·2	993·8	996·8
10	993·3	993·0	992·4	991·7	991·3	990·6	990·3	989·8	989·2	988·3	987·3	986·5	985·3	984·4	983·5	983·0	982·6	982·8	983·1	983·4	984·0	984·7	986·0	986·5	987·4
11	987·0	988·2	989·0	989·3	989·8	990·4	990·0	991·6	992·5	992·8	993·2	993·6	993·6	993·0	994·4	994·6	994·9	995·0	995·0	994·8	994·6	994·2	993·0	990·6	992·3
12	988·6	989·3	989·4	989·3	989·3	989·7	989·5	989·8	989·7	989·1	990·1	990·5	991·0	991·0	991·2	991·7	994·2	994·1	995·2	996·3	997·3	997·8	997·4	997·0	990·0
13	997·0	997·0	996·3	995·8	995·2	994·5	994·1	993·1	992·2	990·9	989·7	987·9	986·3	985·0	984·5	984·2	983·0	983·8	983·6	983·7	984·5	986·3	988·0	989·2	989·0
14	990·2	990·9	991·8	992·5	993·5	993·9	994·7	996·0	996·7	997·4	998·0	998·0	998·0	998·4	998·9	999·4	999·3	999·3	999·6	999·7	999·6	999·6	999·3	998·0	996·6
15	998·4	998·7	998·2	998·4	997·9	997·7	998·1	998·1	998·1	998·4	998·9	998·6	998·5	998·4	998·6	998·7	998·8	998·7	998·7	998·8	999·2	999·5	999·7	000·0	998·6
16	000·0	000·3	000·5	000·5	000·6	000·9	001·1	001·1	001·7	002·2	002·5	002·5	002·7	003·2	003·6	004·0	004·4	004·9	005·4	005·9	006·2	006·2	006·5	006·8	002·9
17	007·3	007·9	008·3	008·4	008·4	008·9	009·2	009·7	010·0	010·1	010·1	009·6	009·6	009·4	009·6	009·7	009·5	009·4	009·4	009·3	009·0	008·4	008·1	007·7	009·0
18	007·3	006·9	006·5	005·4	004·5	003·8	003·3	002·9	002·2	001·1	000·2	998·8	997·0	995·6	994·4	993·4	992·4	991·3	990·1	989·1	988·0	987·1	986·4	986·0	997·7
19	985·8	985·6	985·0	984·5	984·0	983·9	984·2	984·2	984·5	984·5	984·6	984·4	983·8	983·6	983·5	983·3	983·2	983·1	983·4	983·8	984·2	984·6	985·2	986·1	**984·3**
20	987·1	988·0	988·9	990·2	991·4	992·7	994·2	996·4	997·6	999·2	000·2	001·0	001·7	002·5	003·3	004·0	004·6	005·3	006·0	006·2	007·0	007·4	008·1	008·4	999·2
21	008·9	009·7	009·9	009·7	009·9	009·8	010·0	010·2	010·5	010·5	010·5	010·2	010·0	010·0	009·7	009·6	009·4	009·0	008·6	008·6	008·4	007·9	007·8	007·2	009·4
22	007·0	007·0	006·2	005·9	005·2	004·7	004·4	004·6	004·7	004·3	004·4	004·2	004·3	004·5	004·7	004·8	004·9	005·5	005·9	006·2	006·6	007·2	008·0	008·4	005·5
23	009·0	009·7	010·5	011·3	011·7	012·2	012·9	013·9	014·3	015·1	015·2	015·1	015·1	014·5	014·3	014·5	013·4	013·1	012·5	012·0	011·2	010·2	009·3	009·1	012·5
24	008·3	007·2	007·6	006·3	006·7	006·8	006·6	006·4	006·4	006·0	005·7	005·1	004·7	004·2	004·6	005·1	005·6	006·3	008·2	008·8	009·6	010·5	011·5	012·4	007·0
25	013·0	013·6	014·2	014·5	015·2	015·7	016·4	016·5	016·6	017·1	016·7	016·2	015·7	015·5	016·3	016·4	017·0	017·5	018·1	019·2	019·5	020·1	020·6	020·9	016·6
26	020·4	020·4	018·7	018·7	018·2	017·0	016·5	016·5	016·5	015·3	014·7	014·8	013·8	013·1	012·4	012·1	011·3	009·5	009·6	009·3	008·5	007·6	008·9	009·7	014·1
27	010·3	012·0	012·7	013·3	014·6	015·3	016·1	016·6	017·5	018·3	018·9	019·6	020·1	020·6	022·0	021·8	022·4	023·3	023·9	024·3	024·2	024·2	024·2	024·3	018·9
28	024·5	024·4	024·9	025·3	025·3	025·7	026·0	026·1	026·4	026·6	026·8	026·3	025·4	025·3	025·2	024·9	024·6	024·2	023·7	022·9	022·0	021·4	020·7	019·9	**024·6**
29	019·1	018·5	018·2	017·7	017·5	017·2	017·2	017·5	017·9	018·0	018·1	018·2	018·4	018·5	018·6	018·6	018·5	018·6	018·5	018·1	018·0	017·6	017·4	017·3	018·1
30	016·9	016·7	016·5	016·2	016·1	015·3	015·0	014·8	015·1	015·6	015·8	015·8	016·0	016·4	016·7	017·1	017·1	017·7	017·9	017·9	018·0	018·0	017·9	017·6	016·6
31	017·0	016·3	015·6	014·7	014·3	013·8	013·1	012·6	012·3	012·0	011·5	010·7	010·3	009·9	009·7	009·9	010·3	011·6	012·5	013·8	014·7	015·7	016·6	016·8	013·2
Mean (Station level)	1005 ·94	1005 ·94	1005 ·80	1005 ·68	1005 ·63	1005 ·62	1005 ·76	1005 ·96	1006 ·15	**1006 ·27**	1006 ·25	1005 ·96	1005 ·72	**1005 ·58**	1005 ·64	1005 ·70	1005 ·56	1005 ·75	1005 ·91	1006 ·02	1006 ·03	1006 ·01	1006 ·17	1006 ·13	1005 ·89
Mean (Sea level)	1009 ·27	1009 ·27	1009 ·13	1009 ·01	1008 ·98	1008 ·95	1009 ·00	1009 ·20	1009 ·45	**1009 ·60**	1009 ·57	1009 ·27	1009 ·03	**1008 ·88**	1008 ·95	1008 ·01	1008 ·97	1009 ·06	1009 ·23	1009 ·34	1009 ·36	1009 ·34	1009 ·50	1009 ·40	1009 ·21

14. Aberdeen : H_b = 26·8 metres. **February, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	017·2	017·6	017·6	017·6	017·8	017·5	017·8	018·0	018·2	018·4	018·1	017·3	016·8	016·7	016·8	016·6	016·8	017·0	016·6	016·2	016·0	015·6	014·9	014·3	017·0
2	013·2	011·8	010·9	010·4	010·8	011·1	011·9	012·8	013·1	013·4	013·6	014·3	014·1	014·1	014·0	013·5	013·3	013·8	013·9	014·1	014·1	014·5	015·3	015·8	013·2
3	016·3	016·9	017·4	018·1	018·4	018·5	019·2	019·1	019·1	018·7	017·8	017·8	017·3	016·7	015·6	015·5	014·8	014·4	013·9	013·7	013·6	014·1	014·0	014·0	016·5
4	013·5	014·1	014·4	014·8	015·0	014·7	014·3	014·6	014·7	014·9	014·6	014·2	013·7	012·9	012·4	011·6	011·4	010·8	010·3	009·6	007·9	007·4	006·2	005·2	012·4
5	003·9	002·9	001·8	000·9	998·4	997·6	997·1	997·1	997·1	998·2	999·2	999·3	999·9	999·9	000·6	001·5	001·8	002·6	002·9	003·4	003·9	004·3	004·9	005·2	001·0
6	005·5	005·6	006·0	006·5	006·7	007·1	007·7	008·0	008·6	009·0	009·1	008·9	008·8	008·6	008·6	008·9	008·9	009·0	009·2	009·2	009·3	009·4	009·4	009·8	008·1
7	009·7	009·4	009·5	009·4	009·4	009·3	009·2	009·3	009·4	009·5	009·5	009·4	009·2	009·0	008·8	008·9	008·9	008·8	008·7	008·5	008·2	007·7	007·3	006·8	009·0
8	006·4	005·6	005·0	004·4	003·7	003·0	002·3	001·9	001·5	001·0	000·8	000·2	999·8	999·0	997·8	997·5	996·9	996·7	996·2	995·8	994·6	994·2	993·5	993·0	999·9
9	992·5	991·8	991·0	990·5	989·8	989·6	989·3	988·9	988·5	988·2	987·9	987·5	986·7	986·1	985·5	984·9	984·8	984·5	984·2	983·6	983·3	983·2	983·2	983·2	987·2
10	982·7	982·3	981·0	980·9	981·7	982·4	983·2	983·9	984·7	985·7	986·0	986·5	986·6	986·5	986·8	987·2	987·7	988·3	988·9	989·5	989·8	990·3	990·8	991·3	985·9
11	991·5	992·0	992·2	992·6	992·9	993·3	994·2	994·9	995·5	996·3	996·9	997·2	997·5	997·6	998·2	998·7	999·1	999·9	000·3	000·6	000·8	001·1	001·3	001·5	996·7
12	001·8	001·9	001·8	001·8	002·1	002·4	002·6	002·7	002·8	003·3	003·4	003·5	003·6	003·7	003·7	004·1	004·5	004·6	004·9	005·3	005·6	006·2	007·0	003·5
13	007·5	007·9	008·2	008·6	009·1	009·4	009·9	010·6	011·2	011·8	012·3	012·5	012·8	012·9	013·4	013·7	014·1	014·8	015·2	016·0	016·4	016·8	017·2	017·4	012·3
14	017·4	017·6	017·7	017·6	017·7	017·9	018·2	018·7	018·8	018·7	018·6	018·2	018·0	017·5	017·0	017·0	016·7	016·8	016·5	016·4	016·4	016·4	016·0	016·0	017·4
15	015·7	015·7	015·4	015·6	015·3	015·3	015·4	015·7	016·3	016·5	017·0	017·3	017·7	018·0	019·0	019·8	020·6	021·4	022·4	023·3	024·2	025·1	025·8	027·1	018·7
16	027·9	027·9	028·0	028·4	028·8	029·8	030·2	030·8	031·5	031·6	031·8	031·7	031·5	031·1	030·6	030·6	030·4	030·3	030·2	029·7	029·3	028·7	028·6	028·2	**029·9**
17	027·7	027·2	026·7	026·1	025·4	024·9	024·2	023·5	023·1	022·4	021·6	020·8	019·8	018·8	018·2	017·3	016·7	015·8	015·1	014·4	013·3	011·9	011·1	010·3	020·2
18	009·6	009·5	009·3	009·6	010·9	012·4	013·7	015·3	016·7	017·8	018·7	019·5	019·6	020·2	020·0	020·1	020·6	021·1	021·0	021·4	021·5	021·9	021·4	021·5	017·0
19	021·5	021·5	021·4	021·7	021·4	021·4	021·6	021·8	022·0	022·0	022·0	021·7	021·3	020·7	020·2	019·7	019·4	019·4	019·5	019·5	019·5	019·4	019·3	019·3	020·8
20	019·2	019·2	019·0	019·1	019·2	019·4	019·5	019·6	019·7	019·8	019·7	019·5	019·5	019·2	019·0	018·6	018·6	018·7	018·7	018·5	018·5	018·4	018·0	017·6	019·0
21	017·0	016·6	016·0	015·7	015·9	015·8	016·0	016·5	017·2	017·5	019·2	020·0	020·8	021·6	021·5	022·0	022·5	022·8	023·1	023·5	024·0	024·1	024·2	024·3	019·8
22	024·3	024·3	024·3	024·5	024·7	024·8	025·1	025·6	026·1	026·6	027·4	027·8	027·8	027·9	028·0	028·4	028·7	029·0	029·2	029·3	029·6	029·9	030·0	030·2	027·1
23	029·9	029·7	029·5	029·2	028·9	028·2	028·2	028·0	027·7	027·4	027·2	027·1	026·7	025·8	025·4	025·0	024·2	023·6	023·4	022·8	021·7	020·1	018·7	017·0	025·9
24	015·8	014·6	013·6	012·1	011·9	011·6	011·0	010·4	010·4	010·1	010·2	010·5	011·2	011·7	012·2	012·5	012·7	013·2	013·7	014·1	014·5	014·7	015·0	015·4	012·7
25	015·7	015·9	015·9	016·0	016·6	017·1	017·5	018·3	019·0	019·6	020·1	020·4	020·9	021·1	021·1	021·5	021·8	022·3	022·4	022·4	022·6	022·8	022·7	022·4	019·7
26	022·2	021·9	021·9	021·9	022·2	022·3	022·5	023·2	023·2	023·8	024·1	024·6	024·5	024·7	024·4	024·7	024·5	024·3	024·1	023·9	023·6	023·1	022·4	021·8	023·3
27	020·9	019·7	019·0	017·5	016·6	015·6	014·8	014·5	014·4	013·7	013·4	013·0	013·9	014·6	014·7	015·2	015·5	016·1	016·6	017·1	017·3	017·6	017·9	016·2
28	017·6	017·3	017·4	017·3	017·3	017·4	017·3	016·9	017·2	017·0	016·3	016·1	015·7	014·9	014·3	013·1	012·2	011·2	009·8	007·3	005·2	003·0	000·3	997·1	013·3
29	994·3	991·2	987·8	985·2	983·9	982·8	980·8	980·0	979·4	978·8	978·3	977·0	975·3	973·8	972·9	972·1	970·6	968·6	967·3	966·0	965·4	965·0	964·3	966·0	**976·8**
Mean (Station level)	**1012 ·36**	1012 ·06	1011 ·71	1011 ·53	1011 ·47	1011 ·47	1011 ·53	1011 ·74	1011 ·97	1012 ·13	1012 ·23	1012 ·20	1012 ·10	1011 ·01	1011 ·75	1011 ·72	1011 ·67	1011 ·71	1011 ·65	1011 ·52	1011 ·37	1011 ·25	1011 ·03	**1010 ·92**	1011 ·74
Mean (Sea level)	**1015 ·71**	1015 ·41	1015 ·06	1014 ·87	1014 ·82	1014 ·82	1014 ·88	1015 ·09	1015 ·32	1015 ·48	1015 ·58	1015 ·54	1015 ·43	1015 ·24	1015 ·08	1015 ·06	1015 ·01	1015 ·06	1015 ·00	0114 ·87	1014 ·72	1014 ·60	1014 ·38	**1014 ·27**	1015 ·09
G.M.T.	1.	2.	3.	4.	5.	6.	7	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

15. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·8 metres. **March, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	967·0	967·6	967·5	967·7	968·2	968·9	970·5	971·1	972·2	972·6	972·9	973·8	974·4	974·8	975·0	975·3	975·5	975·8	975·9	976·6	976·9	977·4	978·1	978·6	**972·8**
2	979·1	979·5	979·5	979·5	979·7	979·8	980·0	980·3	980·6	981·0	981·2	981·1	981·2	981·3	981·6	981·9	982·1	982·7	983·2	983·6	984·0	984·6	984·8	985·1	981·4
3	985·3	985·4	985·4	985·4	986·0	986·6	986·9	987·5	988·0	988·3	988·9	989·3	989·5	989·7	989·9	990·3	990·8	991·1	991·5	991·7	991·8	992·1	992·3	992·4	988·9
4	992·7	993·1	993·0	993·0	993·2	993·3	993·8	994·0	994·2	995·1	995·5	995·5	996·0	996·1	996·6	997·0	997·6	998·1	999·0	999·5	000·0	000·8	001·2	001·4	996·1
5	001·6	001·7	002·2	003·0	003·4	003·9	005·0	005·5	006·2	007·3	007·9	008·5	008·8	009·3	009·5	009·9	010·5	011·3	012·5	013·2	013·8	014·5	015·3	016·1	008·1
6	016·9	017·3	017·9	018·0	018·8	019·1	019·7	020·2	021·0	021·2	021·2	020·9	020·7	020·6	020·1	019·9	019·9	020·2	020·3	020·4	020·4	020·5	020·3	020·2	019·7
7	020·3	020·3	020·1	019·8	019·5	019·7	019·1	019·1	019·0	019·1	019·2	019·3	018·8	018·2	018·2	017·9	017·9	018·1	018·1	018·2	018·1	017·8	017·5	017·4	018·8
8	017·3	017·0	016·8	016·7	016·7	016·5	016·5	016·5	016·8	016·7	016·6	016·4	016·2	016·1	016·0	015·7	015·7	015·9	015·8	015·8	015·9	016·1	016·0	015·9	016·3
9	015·9	015·7	015·1	015·1	014·6	014·4	014·7	014·9	014·7	014·7	014·6	014·4	014·1	014·2	014·0	013·9	013·9	014·3	014·6	014·6	014·7	015·0	015·2	015·4	014·7
10	015·3	015·4	015·7	016·0	015·9	016·1	016·9	017·6	018·2	018·7	018·9	019·3	019·5	019·6	019·7	019·7	020·0	020·5	020·8	020·9	021·2	021·7	021·8	021·9	018·7
11	021·9	021·9	021·7	021·6	021·5	021·5	021·7	022·0	022·1	022·3	022·6	022·7	022·4	022·4	022·4	022·4	022·4	022·6	022·4	022·8	022·9	023·5	023·6	023·7	022·3
12	023·8	023·6	023·6	023·8	023·8	023·6	023·7	023·9	024·0	024·0	024·3	024·3	024·1	023·9	023·7	023·4	023·5	023·4	023·5	023·5	023·8	023·7	023·7	024·0	023·8
13	023·8	023·9	023·8	023·8	023·6	023·7	023·7	023·5	023·5	023·3	023·3	023·2	023·0	022·8	022·7	022·7	022·7	022·7	022·4	023·1	023·1	022·9	022·6	022·3	023·2
14	022·0	021·6	021·5	021·1	021·0	020·5	020·5	020·3	020·4	019·9	019·6	018·8	018·6	017·8	017·2	016·9	016·8	016·7	016·7	016·5	016·4	015·9	015·9	015·6	018·8
15	015·1	014·8	014·4	014·3	014·2	014·2	014·3	014·6	014·8	014·8	014·9	014·9	014·9	014·8	014·8	014·6	014·5	014·5	014·4	014·1	014·0	013·9	013·3	012·8	014·5
16	012·5	011·8	011·4	011·1	010·9	011·2	011·9	012·5	012·8	013·1	013·0	013·2	013·0	012·8	012·9	013·0	013·4	014·1	014·7	015·1	015·3	015·5	015·6	015·9	013·1
17	016·1	016·0	016·1	016·1	016·0	016·3	016·5	016·8	016·5	016·4	016·5	016·4	016·2	015·9	016·0	015·8	015·8	015·9	016·0	015·7	015·6	015·2	014·7	014·0	016·0
18	013·6	012·6	011·7	011·3	011·4	011·7	012·4	012·5	012·8	013·0	012·6	012·6	012·5	011·9	011·4	011·0	010·6	010·0	009·2	007·7	006·6	005·6	004·6	003·7	010·8
19	002·9	002·2	001·4	000·9	001·0	001·1	002·0	003·1	003·8	004·5	005·1	005·9	006·4	006·9	007·4	007·6	007·9	008·3	008·6	008·8	008·9	009·1	009·1	009·1	005·4
20	009·0	009·0	008·9	008·6	008·5	008·4	008·2	008·1	007·9	007·9	007·6	007·5	007·4	006·8	006·3	005·8	005·6	005·5	005·3	005·3	005·1	004·8	004·5	004·4	007·0
21	004·0	003·6	003·3	003·0	002·8	002·4	002·3	002·2	002·1	002·1	001·8	001·7	001·3	001·0	001·0	000·7	000·6	000·5	000·6	000·8	000·9	000·9	001·2	001·1	001·8
22	001·0	000·7	000·7	000·2	000·0	999·9	999·9	000·0	999·9	999·6	999·2	998·6	998·1	997·4	996·6	996·0	995·8	995·4	995·3	995·2	995·2	995·2	994·8	994·5	998·0
23	994·4	994·0	993·0	993·3	992·8	992·3	992·0	991·7	991·6	991·0	990·4	989·6	988·9	988·1	987·5	986·8	986·1	985·8	985·4	985·1	984·6	984·5	984·7	984·8	989·3
24	985·1	985·1	985·4	985·5	985·8	986·3	986·9	987·5	988·0	988·5	988·9	989·1	989·4	989·6	989·9	990·2	990·3	990·5	990·9	991·1	991·4	991·4	991·3	991·4	988·6
25	991·4	991·3	991·3	991·3	991·3	991·4	991·5	991·7	992·0	992·2	992·4	992·6	992·7	992·7	992·7	992·8	993·1	993·4	993·6	994·1	994·4	994·3	994·4	994·6	992·6
26	994·7	994·8	994·8	994·9	995·0	995·1	995·4	995·7	996·2	996·8	997·1	997·2	997·4	997·6	997·6	998·0	998·3	998·8	999·2	999·6	999·9	000·1	000·5	000·7	997·2
27	000·7	000·7	000·6	000·6	000·8	000·9	001·3	001·7	002·2	002·4	002·6	002·8	003·0	003·3	003·5	003·9	004·4	004·8	005·3	005·7	006·0	006·0	006·2	006·3	003·0
28	006·4	006·6	006·6	006·7	006·7	006·9	007·1	007·4	007·9	008·4	008·5	008·6	008·9	008·9	008·9	009·1	009·5	009·7	010·0	010·4	010·4	010·7	011·0	011·2	008·5
29	011·3	011·4	011·6	012·0	012·3	012·7	013·2	013·6	014·0	014·5	015·0	015·2	015·5	015·7	016·1	016·6	016·9	017·3	018·2	018·6	019·3	019·9	020·1	020·5	015·3
30	020·8	021·3	021·5	021·8	022·2	022·6	023·0	023·1	023·6	024·1	023·8	023·9	023·9	023·5	023·4	023·3	023·3	023·4	023·4	023·4	023·5	023·4	023·5	023·6	023·0
31	023·4	023·4	023·3	023·6	023·7	023·7	023·8	024·3	024·4	024·5	024·7	024·7	024·9	025·0	024·9	025·0	025·3	025·6	025·9	026·0	026·1	026·1	026·3	026·3	**024·7**
Mean (Station level)	1006 ·62	1006 ·56	1006 ·47	**1006 ·44**	1006 ·49	1006 ·60	1006 ·92	1007 ·19	1007 ·46	1007 ·68	1007 ·77	1007 ·81	1007 ·80	1007 ·70	1007 ·66	1007 ·65	1007 ·76	1007 ·97	1008 ·15	1008 ·29	1008 ·39	1008 ·49	1008 ·52	**1008 ·55**	1007 ·50
Mean (Sea level)	1009 ·07	1009 ·01	1009 ·82	**1009 ·79**	1009 ·85	1009 ·96	1010 ·28	1010 ·54	1010 ·81	1011 ·02	1011 ·11	1011 ·14	1011 ·12	1011 ·02	1010 ·98	1010 ·98	1011 ·09	1011 ·31	1011 ·49	1011 ·64	1011 ·74	1011 ·84	1011 ·88	**1011 ·91**	1010 ·85

16. Aberdeen : H_b = 26·8 metres. **April, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	026·3	026·1	026·1	026·0	026·1	026·2	026·5	026·9	027·2	027·6	027·7	027·5	027·1	027·0	027·0	026·9	026·9	026·9	027·1	027·3	027·4	027·4	027·3	027·3	**026·9**
2	027·1	026·9	026·5	026·3	026·1	026·4	026·6	026·8	027·0	026·9	026·9	026·9	026·7	026·5	026·5	026·4	026·3	026·3	026·4	026·4	026·3	026·4	026·3	026·3	026·6
3	026·0	025·9	025·4	025·0	024·8	024·9	024·9	025·0	025·0	025·0	025·0	025·0	025·2	025·1	024·9	024·8	024·8	024·8	025·0	025·1	025·3	025·4	025·3	025·3	025·1
4	025·2	024·9	024·8	024·7	024·8	025·0	025·3	025·6	025·4	025·3	025·3	025·1	025·1	024·8	024·5	024·3	024·2	024·2	024·3	024·4	024·4	024·3	024·3	024·2	024·8
5	023·9	023·8	023·4	023·1	022·9	022·7	022·7	022·6	022·4	022·3	021·8	021·2	020·5	019·8	019·3	019·4	019·1	018·9	019·0	019·1	019·2	019·0	018·7	018·5	021·1
6	018·3	018·0	017·5	017·3	017·2	017·2	017·0	016·8	016·6	016·2	015·7	015·2	014·7	014·1	013·1	012·3	011·6	011·0	010·4	009·7	008·8	008·0	007·3	006·6	014·0
7	005·6	004·5	003·8	003·5	003·5	003·1	002·9	002·5	001·5	000·3	999·5	998·9	998·7	997·7	997·2	996·7	995·9	995·6	995·2	995·2	994·8	994·4	994·2	994·1	999·6
8	993·7	993·1	992·4	991·6	990·4	989·8	988·9	988·7	989·7	990·1	990·2	990·6	989·9	990·1	990·2	990·8	991·6	991·7	991·8	992·1	992·3	993·0	993·4	993·4	991·2
9	993·4	993·7	993·9	993·8	994·1	994·6	994·9	995·2	995·6	995·9	996·1	996·3	996·4	996·6	996·7	996·5	996·7	997·1	997·3	997·5	997·5	997·5	997·9	997·9	995·9
10	997·9	997·9	998·0	998·1	998·3	998·6	999·2	999·7	000·2	000·7	001·2	001·4	001·9	002·0	002·4	002·7	002·9	003·0	003·1	003·4	003·7	003·5	003·5	003·6	001·0
11	003·3	003·1	002·8	002·4	002·1	001·8	001·6	001·4	001·0	000·8	000·5	000·0	999·5	999·3	999·1	998·5	998·4	998·1	997·9	998·0	998·1	997·8	997·9	997·8	000·2
12	997·6	997·4	997·5	997·2	997·2	997·2	997·3	997·3	997·3	997·5	997·5	997·5	997·5	997·5	997·5	997·4	997·5	997·7	998·0	998·1	998·4	998·5	998·5	998·6	997·6
13	998·8	998·9	999·3	999·3	999·3	999·3	999·7	000·0	000·3	000·5	000·7	000·7	000·7	000·6	000·4	000·3	000·2	000·0	999·9	999·6	999·0	998·1	997·4	996·6	999·6
14	995·7	994·7	994·0	993·0	991·9	991·0	990·7	990·2	990·0	989·3	988·6	987·8	987·4	986·9	986·5	986·6	987·0	987·6	988·4	989·5	989·9	990·6	991·2	991·8	990·1
15	992·1	992·2	992·5	992·1	992·1	991·9	991·9	992·2	992·5	992·5	992·9	993·0	993·2	993·0	993·0	993·1	993·7	994·3	995·1	995·5	995·9	996·3	996·8	997·0	993·4
16	997·1	997·7	998·4	998·4	999·0	999·9	000·7	001·6	002·2	002·6	003·3	004·4	004·7	005·7	006·1	006·9	008·1	008·9	009·9	010·6	011·4	012·3	013·1	013·5	004·5
17	014·0	014·5	015·1	015·7	016·2	016·9	017·5	018·0	018·5	018·9	019·4	019·5	019·8	019·9	020·1	020·2	020·3	020·3	020·3	020·6	020·8	020·8	020·4	020·3	018·5
18	020·0	019·8	019·2	018·9	018·6	018·4	018·3	017·5	017·3	017·3	017·0	016·4	016·2	016·1	015·5	015·7	015·7	015·6	015·4	015·4	015·7	015·5	016·4	016·6	017·1
19	017·0	017·3	018·0	018·4	019·4	019·9	020·7	021·3	021·9	022·4	022·7	023·4	023·8	023·9	024·2	024·0	024·0	024·1	024·2	024·4	024·2	024·2	024·6	024·4	022·0
20	024·3	024·3	024·1	023·6	023·1	023·0	022·9	022·8	022·7	022·6	022·2	021·6	021·3	020·9	020·2	019·7	019·4	019·7	020·5	020·1	020·0	020·0	019·9	019·6	021·7
21	019·6	019·6	019·7	020·1	020·7	021·1	021·6	021·8	022·1	022·4	022·5	022·1	022·1	021·8	021·8	021·4	020·8	020·3	019·6	019·4	019·0	018·4	017·9	017·1	020·6
22	016·2	015·7	014·8	014·1	013·3	012·4	011·9	011·3	010·7	010·1	009·8	009·5	008·9	008·7	008·1	007·4	006·8	006·5	006·4	006·2	006·0	005·8	005·4	005·1	010·1
23	005·3	005·1	004·7	004·4	004·1	004·1	003·9	003·7	003·6	003·3	003·2	003·2	003·0	002·8	002·6	002·6	002·6	002·6	002·6	002·6	002·7	002·7	002·6	002·5	003·4
24	002·4	002·3	002·3	002·3	002·3	002·5	002·3	002·6	002·5	002·7	002·4	002·2	001·9	001·3	000·7	999·9	999·0	997·8	996·7	995·7	994·5	993·6	993·1	992·4	000·0
25	992·4	992·3	992·4	992·5	993·0	993·5	994·0	994·8	995·3	995·7	996·1	995·9	996·0	996·2	996·5	996·5	996·3	996·1	996·3	996·5	996·2	996·0	996·0	995·9	995·0
26	995·7	995·2	995·1	994·8	994·4	994·3	994·0	993·9	993·7	993·3	992·7	992·4	991·8	991·2	990·4	989·8	989·2	988·4	988·0	987·8	987·7	987·7	987·6	987·1	991·7
27	986·6	986·1	986·3	985·7	985·7	985·8	985·7	986·0	986·4	986·6	987·3	987·7	988·1	988·2	988·1	988·0	987·8	987·9	988·2	988·4	988·5	988·4	988·5	988·4	**987·2**
28	988·4	988·3	988·5	988·6	988·8	988·8	988·8	989·1	989·3	989·4	989·5	989·9	990·2	990·4	990·5	990·7	991·1	991·6	992·1	992·5	993·3	993·3	994·1	994·4	990·4
29	994·5	994·8	995·1	995·5	995·9	996·2	996·6	997·1	997·4	997·8	997·7	997·8	997·9	997·5	997·4	997·6	997·6	997·4	997·5	997·5	997·5	997·4	997·5	997·5	996·9
30	997·5	997·6	997·6	997·5	997·4	997·6	997·8	998·0	998·1	998·3	998·5	998·8	999·0	999·3	999·6	000·1	000·5	000·9	001·4	001·9	002·2	002·4	002·8	003·1	999·4
Mean (Station level)	1006 ·53	1006 ·38	1006 ·31	1006 ·13	1006 ·09	1006 ·15	1006 ·23	1006 ·36	1006 ·48	**1006 ·53**	1006 ·49	1006 ·43	1006 ·33	1006 ·17	1006 ·02	1005 ·93	1005 ·89	**1005 ·85**	1005 ·94	1006 ·02	1006 ·03	1005 ·98	1006 ·01	1005 ·01	1006 ·19
Mean (Sea level)	1009 ·85	1009 ·71	1009 ·64	1009 ·46	1009 ·42	1009 ·48	1009 ·54	1009 ·66	1009 ·78	1009 ·82	1009 ·78	1009 ·71	1009 ·61	1009 ·45	1009 ·30	1009 ·21	1009 ·18	**1009 ·14**	1009 ·24	1009 ·32	1009 ·34	1009 ·29	1009 ·32	1009 ·23	1009 ·49

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

Station Level

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

17. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·8 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	003·4	003·5	003·7	003·7	004·0	004·4	004·7	004·9	005·4	006·0	006·1	006·1	006·1	006·0	005·8	005·7	005·4	005·5	005·6	005·6	005·5	005·5	005·4	005·1	
2	005·0	004·5	004·3	003·8	003·7	003·7	003·4	003·1	003·2	002·9	002·7	002·7	002·4	002·2	001·8	001·5	001·1	000·8	000·6	000·5	000·4	000·4	000·4	000·3	002·4
3	000·2	000·2	000·2	000·1	000·4	000·5	000·8	001·2	001·6	002·2	002·6	003·1	003·9	004·7	005·4	006·1	006·6	006·9	007·5	008·1	008·6	009·0	009·3	009·6	003·9
4	009·8	010·0	010·2	010·5	010·8	011·2	011·7	012·0	012·2	012·2	012·2	012·2	012·1	012·0	011·7	011·0	010·7	010·3	009·9	009·7	009·4	009·0	008·4	007·7	010·7
5	007·3	006·8	006·1	005·3	004·9	004·6	004·4	004·3	004·2	004·1	003·9	003·7	003·6	003·6	003·7	003·7	003·8	004·0	004·3	004·4	004·6	004·6	004·7	004·6	004·0
6	004·5	004·6	004·4	004·3	004·4	004·5	004·7	005·0	005·2	005·1	005·3	005·4	005·1	005·2	005·1	005·0	005·0	005·0	004·9	004·9	004·9	004·7	004·4	004·3	004·8
7	003·8	003·1	002·3	001·6	001·3	000·8	000·5	000·1	999·8	998·7	997·7	997·1	997·2	997·3	997·6	997·8	998·1	998·2	998·2	998·6	998·8	998·7	998·4	998·0	999·5
8	997·8	997·4	997·3	997·3	997·4	997·6	998·0	998·2	998·7	999·2	999·5	000·1	000·9	001·7	002·6	003·6	004·2	005·1	005·9	006·7	007·3	007·7	008·4	009·0	001·5
9	009·6	010·5	010·9	011·3	012·0	012·2	012·2	012·9	013·8	014·0	014·4	014·8	014·8	015·1	015·1	015·0	014·9	014·4	014·5	014·5	014·3	013·6	013·2	012·3	013·4
10	011·4	010·1	009·1	007·6	006·6	005·5	004·5	003·7	003·3	003·1	003·0	003·1	003·1	002·9	002·9	002·6	002·8	002·9	003·0	003·1	003·3	003·5	003·5	003·5	004·7
11	003·3	003·1	002·9	002·6	002·4	001·9	001·7	001·5	001·3	000·8	000·5	000·0	999·9	999·9	999·9	999·9	999·9	000·0	000·4	001·4	001·7	002·2	002·8	003·2	003·4	001·5
12	003·6	003·8	004·3	004·7	005·1	005·5	005·9	006·3	006·6	006·9	006·7	007·1	007·4	007·6	007·5	007·5	007·5	007·5	007·0	007·4	007·9	008·3	008·5	008·4	008·1	006·6
13	008·0	007·3	007·0	006·7	006·3	006·2	005·6	005·3	005·0	004·4	003·8	003·5	003·5	003·7	004·6	005·0	006·0	006·9	007·6	008·8	009·8	010·3	011·1	011·3	006·5
14	011·8	012·1	011·6	011·5	011·4	011·7	011·6	011·6	011·2	011·3	011·1	010·6	010·0	009·7	009·3	009·0	008·5	008·4	008·2	008·1	008·5	008·5	008·5	008·7	010·2
15	008·7	008·7	008·8	008·8	009·1	009·5	010·0	010·2	010·5	010·7	010·9	010·9	011·0	010·8	010·5	010·3	010·4	010·5	010·6	010·8	010·8	010·7	010·6	010·3	010·1
16	010·2	009·6	009·2	008·7	008·6	008·4	008·2	008·0	007·8	007·5	007·4	007·3	007·9	008·1	008·6	009·4	010·1	010·6	011·7	012·7	013·7	014·4	015·0	015·4	009·8
17	015·9	016·0	016·2	016·7	017·3	017·7	018·3	018·5	018·4	018·3	018·2	017·9	017·9	017·8	017·4	017·0	016·6	016·7	016·8	016·7	016·9	016·8	016·7	016·3	**017·2**
18	015·7	015·5	015·2	014·8	014·6	014·4	014·4	014·3	014·1	013·4	013·1	013·0	012·7	012·1	011·7	011·4	011·2	010·9	011·0	010·7	010·8	010·5	010·1	009·5	012·9
19	009·8	009·3	009·2	009·2	009·2	009·2	009·0	009·1	009·4	009·7	010·0	010·3	010·5	010·8	010·9	010·8	011·0	011·2	011·4	011·6	012·1	012·1	012·4	012·3	010·4
20	012·3	012·3	012·0	011·8	011·7	011·6	011·5	011·5	011·8	011·8	011·9	011·8	011·7	011·7	011·5	011·4	011·0	010·9	010·7	010·7	010·8	010·6	010·3	010·0	011·4
21	009·5	009·1	008·4	008·0	007·8	007·7	007·7	007·2	007·3	007·1	006·9	006·7	006·5	006·3	006·2	006·1	006·0	005·5	005·4	005·6	005·9	005·5	005·6	005·4	006·9
22	005·4	005·2	004·5	004·3	003·7	003·4	002·9	002·2	001·9	001·4	001·4	001·3	001·1	000·9	001·0	000·8	000·5	000·6	000·7	000·8	000·7	000·4	000·4	000·0	002·0
23	000·0	999·5	998·7	998·6	998·8	998·8	998·6	998·3	998·3	998·2	998·1	998·0	997·7	997·6	997·3	997·0	996·5	996·4	996·1	995·4	995·0	994·4	994·1	994·1	993·8	997·2
24	994·0	993·6	993·3	992·9	992·9	992·9	993·0	992·7	992·7	992·3	992·2	992·0	991·9	991·7	991·6	991·3	991·2	991·4	991·5	991·0	991·7	991·8	991·8	991·8	**992·3**
25	991·6	991·6	991·6	991·7	992·0	992·2	992·3	992·5	992·7	993·1	993·2	993·1	993·2	993·3	993·7	994·2	994·4	995·2	995·8	996·3	997·0	997·4	997·8	998·3	993·8
26	998·5	998·8	999·0	999·4	000·0	000·7	001·3	001·7	002·4	002·9	003·3	003·5	003·6	003·6	003·5	003·5	003·2	003·0	002·4	002·4	002·3	002·1	001·8	001·3	001·8
27	000·9	000·4	000·4	000·4	000·4	000·6	000·8	001·1	001·3	001·5	002·1	002·8	003·9	004·4	005·0	005·7	006·4	007·3	008·3	009·1	009·9	010·3	010·5	010·9	004·1
28	011·1	011·6	012·1	012·2	013·1	013·7	013·8	014·3	014·6	015·0	015·2	015·4	015·9	015·8	016·1	016·1	016·2	016·3	016·2	016·5	016·4	016·4	016·3	016·1	014·7
29	015·8	015·6	015·3	015·2	014·9	014·4	014·5	014·1	013·7	013·5	013·3	012·8	012·2	011·7	011·4	011·3	011·0	010·7	010·4	010·3	009·9	009·9	009·3	012·9	
30	008·6	008·3	008·3	007·8	008·0	008·0	008·0	007·9	008·0	008·4	008·8	009·1	010·0	009·9	010·6	010·7	010·9	011·2	012·0	012·4	012·6	012·4	012·8	012·0	009·8
31	012·7	012·7	012·6	012·7	012·8	013·0	013·0	013·0	013·1	013·1	013·1	013·0	013·2	013·1	013·1	013·1	013·2	013·2	013·1	013·1	013·1	013·4	012·9	012·6	013·0
Mean (Station level)	1006 ·46	1006 ·28	1006 ·10	**1005 ·95**	1005 ·99	1006 ·01	1006 ·05	1006 ·06	1006 ·12	1006 ·11	1006 ·10	1006 ·08	1006 ·17	1006 ·18	1006 ·24	1006 ·23	1006 ·29	1006 ·36	1006 ·54	1006 ·74	1006 ·95	1006 ·95	**1006 ·98**	1006 ·84	1006 ·3
Mean (Sea level)	1009 ·75	1009 ·58	1009 ·40	**1009 ·25**	1009 ·29	1009 ·30	1009 ·33	1009 ·34	1009 ·40	1009 ·38	1009 ·37	1009 ·35	1009 ·44	1009 ·45	1009 ·51	1009 ·50	1009 ·56	1009 ·63	1009 ·81	1010 ·02	1010 ·23	1010 ·24	**1010 ·27**	1010 ·13	1009 ·60

18. Aberdeen : H_b = 26·8 metres. **June, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	012·5	012·0	011·7	011·3	010·8	010·2	010·4	010·0	009·5	008·9	008·5	008·7	008·5	008·2	008·0	008·1	008·4	008·6	009·0	009·2	009·2	009·2	009·2	009·7	
2	009·4	009·3	009·2	009·2	009·5	009·9	010·4	011·0	011·4	012·0	012·3	012·8	012·9	013·1	013·5	013·7	013·8	014·3	014·9	015·5	015·6	015·5	015·7	012·1	
3	016·1	015·9	015·9	015·9	015·8	015·8	015·8	015·7	015·6	015·5	015·5	015·4	015·3	015·1	015·0	015·0	015·1	015·0	014·9	014·9	015·0	015·1	015·0	014·8	015·4
4	014·6	014·3	014·1	013·8	013·7	013·6	013·7	013·5	013·5	013·5	013·4	013·3	013·2	013·3	013·4	013·4	013·4	013·5	013·4	013·7	014·0	014·2	014·2	014·2	013·7
5	014·3	014·4	014·5	014·6	014·6	014·8	014·8	015·0	014·9	015·1	015·1	015·4	015·6	015·8	015·8	015·8	015·8	015·9	015·9	015·9	016·1	016·2	016·1	015·9	015·3
6	015·7	015·5	015·2	015·0	014·8	014·7	014·6	014·4	014·0	013·4	013·1	012·7	012·5	012·0	011·7	011·5	011·3	010·9	010·8	010·5	010·8	010·7	010·5	010·3	012·9
7	010·1	009·8	009·7	009·7	010·0	010·2	010·7	011·1	011·2	c11·3	011·7	011·6	011·6	011·5	011·4	011·3	011·0	010·7	010·6	010·5	010·4	009·9	009·4	c09·0	010·6
8	008·4	007·8	007·3	007·0	006·8	006·6	006·4	006·2	006·2	006·1	c05·9	005·7	005·5	005·3	005·2	005·0	005·1	005·0	005·1	c05·1	005·4	005·5	005·6	005·7	006·1
9	006·0	005·9	005·8	005·9	006·2	006·4	006·7	007·1	007·5	007·6	007·7	007·9	007·7	007·7	007·7	007·4	007·4	007·1	007·2	006·9	006·9	006·7	006·6	006·2	006·8
10	005·3	004·8	004·1	003·6	003·1	002·7	002·7	c02·5	002·3	002·2	c01·8	001·6	001·4	001·2	000·9	000·5	999·8	999·5	999·0	998·7	998·5	998·1	997·6	997·2	001·4
11	996·8	996·4	995·9	995·6	995·4	995·1	995·0	995·1	994·8	c94·5	994·3	994·1	994·1	994·3	994·4	994·6	994·6	994·7	994·9	995·3	995·9	996·2	995·6	995·6	995·2
12	997·1	997·3	997·4	997·5	997·9	998·5	999·2	000·3	001·3	002·4	003·4	004·5	005·4	006·3	007·3	008·4	009·1	009·9	010·6	011·3	012·4	013·3	013·9	014·2	004·6
13	014·5	014·8	015·1	015·5	016·1	017·0	017·2	017·8	018·5	018·6	018·9	019·2	019·6	020·0	020·2	020·5	020·7	020·8	021·1	021·3	021·8	021·9	021·9	021·5	018·8
14	021·8	021·8	021·4	021·3	021·1	020·6	020·7	020·7	020·6	020·0	019·4	019·3	018·8	018·4	018·0	017·6	017·4	017·0	016·9	017·0	016·9	016·7	016·3	016·0	**019·1**
15	015·5	015·2	015·0	014·8	014·7	014·6	014·7	014·7	014·6	014·4	014·4	014·7	014·9	015·2	014·8	014·7	014·3	014·2	014·1	013·7	013·6	013·1	013·0	012·4	014·5
16	012·0	011·8	011·3	011·0	010·9	010·9	010·9	011·0	010·9	010·6	010·7	010·6	010·5	010·3	010·0	009·9	009·9	010·3	010·9	011·5	012·1	012·5	012·5	012·5	011·1
17	012·6	012·7	012·5	012·6	012·8	013·0	013·3	013·5	013·4	013·4	013·3	013·1	012·9	012·8	012·4	011·9	011·7	011·6	011·2	011·2	011·0	010·6	009·9	009·1	012·3
18	008·6	007·7	007·0	006·1	005·3	004·6	004·9	005·3	005·4	c05·3	005·5	c05·4	005·5	005·5	005·9	006·0	005·9	006·3	006·5	006·9	007·2	007·3	007·1	007·2	006·2
19	007·0	007·0	007·1	006·9	006·9	006·9	007·0	007·0	007·2	007·9	007·7	007·7	007·1	006·8	006·9	007·4	007·8	007·7	008·1	008·2	008·5	008·6	008·9	009·4	c07·5
20	009·2	009·1	009·6	009·9	010·2	010·5	010·7	011·0	011·3	011·5	011·5	011·6	012·1	012·2	012·2	012·1	012·1	012·1	012·5	013·0	013·3	013·4	013·6	014·0	011·5
21	014·2	014·3	014·3	014·1	014·2	014·2	014·3	014·4	014·2	014·1	013·9	013·9	013·9	013·7	013·7	013·7	013·8	013·8	013·9	014·0	014·5	014·5	014·4	014·4	014·1
22	014·3	014·4	014·5	014·5	014·7	014·9	015·4	015·8	015·9	016·2	016·3	016·6	016·7	017·1	017·5	017·7	017·7	017·8	018·4	018·5	018·9	019·0	019·3	019·1	016·6
23	019·3	019·1	018·8	018·5	018·3	018·3	018·3	018·2	018·1	017·5	017·3	017·0	016·6	016·2	015·7	015·1	014·4	013·9	013·6	013·6	013·5	013·2	012·8	012·7	016·4
24	012·4	012·6	012·5	012·6	013·1	013·1	013·8	014·7	015·0	015·2	015·3	015·7	015·6	015·9	016·4	016·5	016·3	016·4	016·5	016·5	016·7	016·9	016·9	016·8	015·1
25	017·0	017·2	017·1	017·2	017·6	017·5	017·6	017·9	018·0	018·0	017·8	017·5	017·0	016·7	016·2	015·9	016·0	015·8	015·2	014·7	014·5	014·4	013·8	013·4	016·5
26	012·8	013·0	012·5	012·2	012·2	012·2	012·3	012·4	012·4	012·3	011·7	011·5	010·7	010·5	c09·7	009·6	009·4	c08·9	008·2	008·1	007·7	007·2	c06·6	c05·7	005·3	010·3
27	004·4	003·7	003·0	003·2	004·5	005·5	006·4	c07·5	008·1	008·5	008·7	008·7	009·6	009·7	009·8	010·0	010·5	010·6	011·0	011·2	011·2	011·1	011·1	011·1	008·2
28	010·6	010·5	010·2	010·1	009·7	009·3	009·1	008·5	008·0	c07·3	006·8	006·0	004·7	003·7	002·7	001·1	000·2	999·6	998·8	998·3	997·8	997·6	996·8	996·6	004·6
29	996·4	996·1	995·8	995·4	994·9	994·6	994·4	994·3	993·7	993·4	993·4	993·2	993·5	993·4	993·5	993·5	993·3	993·5	993·4	994·1	994·6	995·2	996·1	997·5	**994·5**
30	997·8	998·4	998·9	999·2	999·9	000·9	001·8	002·6	003·1	003·3	003·7	004·0	004·4	004·5	004·7	004·9	004·6	005·2	005·6	005·9	006·2	006·2	006·9	007·1	003·1
Mean (S'tion level)	1010 ·22	1010 ·09	1009 ·91	**1009 ·81**	1009 ·85	1009 ·91	1010 ·08	1010 ·30	**1010 ·35**	1010 ·20	1010 ·30	1010 ·26	1010 ·26	1010 ·19	1010 ·13	1010 ·08	1009 ·90	1009 ·88	1010 ·03	1010 ·13	1010 ·31	1010 ·32	1010 ·24	1010 ·18	1010 ·14
Mean (Sea level)	1013 ·50	1013 ·37	1013 ·19	**1013 ·09**	1013 ·13	1013 ·18	1013 ·34	1013 ·56	**1013 ·60**	1013 ·54	1013 ·55	1013 ·51	1013 ·51	1013 ·44	1013 ·38	1013 ·33	1013 ·24	1013 ·23	1013 ·29	1013 ·39	1013 ·58	1013 ·59	1013 ·51	1013 ·46	1013 ·40
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

19. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·8 metres. **July, 1925.**

Station Level

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	007·0	006·9	006·7	006·6	006·6	006·5	006·6	006·6	006·8	007·0	007·0	006·9	006·9	006·8	006·7	006·4	005·8	005·3	004·5	004·3	003·8	003·0	002·3	001·2	005·9
2	999·6	998·8	997·5	996·3	994·9	993·8	992·8	991·7	990·5	989·5	989·1	988·4	987·9	987·5	986·8	986·2	985·4	985·2	984·6	984·5	984·5	984·3	983·9	983·9	989·8
3	983·4	983·1	982·9	983·1	983·5	983·7	984·4	983·8	984·6	984·9	985·3	985·3	985·5	985·7	985·8	985·7	985·5	985·4	985·3	985·0	984·6	984·2	983·7	983·3	**984·5**
4	982·7	982·9	982·9	983·4	984·0	984·8	985·7	986·5	987·5	988·6	989·2	989·4	989·6	989·8	989·7	990·1	990·5	991·1	991·3	991·5	991·7	991·7	991·7	991·7	988·1
5	991·8	991·9	991·8	991·8	992·0	992·2	992·8	993·3	994·1	994·5	994·8	995·5	996·2	996·1	996·4	996·9	998·1	998·6	998·8	999·0	999·4	999·5	999·5	999·1	995·4
6	999·0	998·4	998·0	997·7	997·5	997·5	997·8	998·1	998·7	999·4	000·0	000·5	001·0	001·4	001·5	002·1	002·8	003·3	003·4	003·4	003·3	003·0	002·5	002·2	000·5
7	001·3	000·7	000·4	999·9	999·4	999·4	999·1	999·0	998·9	998·7	998·7	998·3	998·1	997·8	998·3	998·5	998·9	999·7	000·7	001·9	003·1	003·8	004·7	005·4	000·1
8	006·1	006·6	007·4	008·0	008·3	008·8	009·2	009·6	009·6	009·6	009·5	009·5	009·6	009·6	009·6	009·2	009·0	009·0	009·3	009·4	009·4	009·9	009·8	009·8	008·9
9	009·8	009·8	010·0	010·4	010·6	011·1	011·2	011·5	011·9	012·0	012·5	013·2	013·2	013·7	013·8	013·9	014·1	014·4	014·4	014·7	015·0	015·1	014·8	014·6	012·6
10	014·8	014·6	014·5	014·3	014·0	013·8	013·4	013·6	013·2	012·5	012·3	012·2	012·5	012·9	012·6	011·7	011·8	011·5	011·3	011·3	011·3	011·2	011·2	011·3	012·7
11	011·4	011·3	011·4	011·6	011·7	011·8	012·1	012·6	013·0	013·2	013·5	013·6	013·5	013·5	013·5	013·5	013·6	013·9	014·3	014·7	015·0	015·2	015·3	015·3	013·2
12	015·2	015·2	015·0	014·9	014·7	014·4	013·7	013·8	013·5	012·8	011·8	011·2	010·0	009·1	008·2	006·9	005·4	004·7	003·8	002·6	003·5	002·7	003·0	002·6	009·8
13	002·4	002·2	002·6	002·7	002·7	002·8	003·3	003·4	003·5	003·3	003·3	003·7	003·8	003·8	004·2	005·9	007·1	007·5	008·7	009·5	010·4	010·8	011·5	012·1	005·3
14	012·7	013·0	013·1	013·3	013·8	014·4	015·2	015·4	016·0	016·5	016·7	016·9	016·6	016·8	016·5	016·6	016·6	016·5	016·7	016·5	016·4	015·8	015·4	014·6	015·4
15	014·0	013·4	012·7	012·5	012·2	012·1	012·1	011·9	011·9	011·7	011·5	011·4	011·1	010·6	010·2	009·7	009·4	008·8	008·2	007·9	007·3	006·6	005·7	005·1	010·5
16	004·4	003·4	002·8	001·9	001·1	000·8	000·6	000·4	000·1	000·0	999·4	998·9	998·6	998·2	998·3	998·0	998·2	998·4	998·8	999·4	999·8	000·0	000·2	000·1	000·2
17	000·1	000·1	000·1	000·2	000·4	000·4	000·3	000·5	000·8	000·6	000·4	000·7	000·6	000·5	000·5	000·8	000·8	000·7	000·8	000·9	001·1	001·1	001·2	001·3	000·6
18	001·4	001·7	001·8	002·1	002·1	002·5	002·7	002·9	003·2	003·3	003·3	003·3	003·7	004·1	004·4	004·6	004·7	004·7	004·8	004·9	005·0	005·2	005·4	005·4	003·5
19	005·3	005·5	005·5	005·5	005·7	005·9	006·1	006·2	006·1	006·0	006·1	006·4	006·6	006·5	006·8	007·0	007·4	007·4	007·5	007·9	008·4	008·6	008·8	008·9	006·7
20	009·1	009·2	009·5	009·8	010·2	010·5	010·9	011·2	011·4	011·9	012·1	012·4	012·7	012·9	013·2	013·5	013·9	014·2	014·6	015·0	015·3	015·6	015·7	015·9	012·4
21	015·9	016·0	016·0	016·0	016·0	016·2	016·6	016·7	016·7	016·6	016·5	016·4	016·3	016·3	016·3	016·2	016·3	016·2	016·3	016·2	016·1	015·7	015·4	015·1	**016·2**
22	014·8	014·6	014·4	014·3	013·9	013·6	013·6	013·4	013·1	012·5	012·1	011·5	011·2	010·9	010·6	009·8	009·0	008·5	008·0	007·7	007·4	006·7	006·0	005·6	011·2
23	004·9	004·6	004·1	003·6	003·3	003·2	003·1	002·9	002·6	002·2	001·7	000·6	999·9	999·9	999·0	000·1	999·5	999·3	999·6	999·7	000·0	000·0	000·1	000·2	001·6
24	000·1	000·1	999·7	999·5	999·4	999·5	999·6	999·7	999·9	000·0	999·9	999·9	000·4	000·7	000·8	001·2	001·3	001·6	002·1	003·0	003·7	004·4	004·7	005·3	001·0
25	006·0	006·3	006·5	006·3	007·0	006·8	006·7	006·9	007·0	007·4	007·5	007·5	007·8	007·7	007·8	007·9	008·1	008·2	008·4	008·8	009·1	009·2	009·5	009·6	007·6
26	009·7	009·6	009·6	009·7	009·9	010·0	010·3	010·7	010·9	011·2	011·7	011·9	012·0	012·0	011·9	012·0	012·1	012·7	013·0	013·2	013·6	013·8	013·7	013·5	011·5
27	013·5	013·4	013·2	013·1	012·8	012·8	012·7	012·7	012·6	012·5	012·3	012·2	012·0	011·5	011·1	010·8	010·6	010·4	010·2	010·0	009·7	009·4	008·9	008·5	011·6
28	007·8	007·4	006·9	006·3	006·1	005·8	005·5	005·3	005·3	004·9	004·7	004·3	003·8	003·4	003·3	002·8	002·5	002·1	001·9	001·9	002·0	002·0	001·8	001·6	004·3
29	001·3	000·9	000·7	000·7	000·9	001·1	001·4	001·9	002·2	002·6	002·7	003·0	003·1	003·1	003·3	003·5	003·6	003·7	003·7	003·7	004·0	004·2	004·3	004·3	002·6
30	004·2	003·9	003·8	003·8	003·8	003·8	003·8	003·9	003·7	003·8	003·6	003·4	003·0	003·1	003·1	003·0	002·7	002·6	002·6	002·6	002·6	002·5	002·4	001·8	003·2
31	001·7	001·3	001·2	001·2	001·3	001·5	001·8	001·8	001·9	002·1	002·1	002·0	002·0	002·1	002·2	002·3	002·3	002·6	002·7	003·1	003·3	003·6	003·5	003·2	002·2
Mean (Station level)	1004·88	1004·74	1004·60	1004·53	**1004·51**	1004·56	1004·68	1004·76	1004·88	1004·89	1004·87	1004·84	1004·81	1004·77	1004·75	1004·71	1004·73	1004·79	1004·85	1004·98	**1005·15**	1005·12	1005·03	1004·93	1004·81
Mean (Sea level)	1008·12	1007·98	1007·84	1007·77	**1007·75**	1007·79	1007·91	1007·98	1008·10	1008·10	1008·08	1008·04	1008·01	1007·97	1007·95	1007·92	1007·94	1008·00	1008·06	1008·20	**1008·38**	1008·35	1008·26	1008·17	1008·03

20. Aberdeen : H_b = 26·8 metres. **August, 1924.**

Station Level

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	002·9	002·7	002·2	001·8	001·2	001·1	001·6	001·8	002·2	002·2	002·2	002·1	001·8	001·7	001·6	001·2	000·9	000·7	000·4	000·3	000·3	000·2	000·2	000·0	001·5
2	999·7	999·6	999·6	999·6	999·6	999·6	999·9	000·0	000·2	000·5	001·0	001·3	001·7	002·0	002·5	003·4	003·8	004·2	005·0	005·5	006·1	007·4	007·7	008·1	002·6
3	008·1	008·2	008·2	008·3	008·1	008·1	008·1	007·8	007·5	007·1	006·6	006·2	005·5	005·1	004·3	003·9	003·2	002·9	002·5	002·2	001·9	001·5	001·2	001·2	005·5
4	000·9	000·7	000·7	000·8	001·0	000·9	000·8	000·9	000·7	000·7	000·9	000·8	000·8	000·5	000·3	000·2	000·3	000·8	000·9	000·8	000·6	000·4	000·4	000·7	000·7
5	999·8	999·2	998·2	997·2	996·3	995·9	995·6	994·2	993·9	993·7	993·2	993·4	994·3	995·1	996·9	998·2	999·2	000·0	001·0	002·1	002·9	003·5	003·9	004·6	997·9
6	004·8	005·0	005·1	005·5	005·6	006·2	006·1	006·2	006·2	006·4	006·5	006·7	007·0	007·3	007·4	007·6	007·8	008·1	008·8	009·4	010·0	010·1	009·9	010·2	007·1
7	010·3	010·3	010·2	010·4	010·7	011·3	011·7	012·1	012·6	013·3	013·9	014·6	015·4	016·1	016·7	017·3	017·8	018·5	018·9	019·4	019·9	020·5	020·9	021·2	014·9
8	021·4	021·4	021·7	021·9	022·3	022·8	023·2	023·3	023·4	023·6	023·8	024·1	024·1	024·1	023·9	023·9	023·9	023·8	023·8	023·9	024·2	024·4	024·3	024·4	**023·8**
9	024·1	023·8	023·6	023·3	023·4	023·3	023·3	023·2	023·1	023·2	023·1	022·7	022·4	021·8	021·7	021·4	021·1	021·0	020·8	021·3	021·8	021·7	021·8	021·1	022·5
10	020·6	020·2	019·8	019·6	019·5	019·2	018·9	018·6	018·1	017·6	017·3	016·7	016·1	015·6	015·1	014·3	013·8	013·3	013·0	012·6	012·4	011·5	010·6	010·0	016·3
11	009·2	008·4	007·7	006·9	006·4	005·7	004·9	004·6	004·2	003·5	003·0	002·3	002·2	001·7	001·1	000·7	000·2	999·9	999·5	999·5	999·3	999·0	998·6	998·2	003·0
12	997·8	997·4	996·9	997·0	996·8	996·8	996·7	996·8	996·9	996·9	996·8	996·9	997·0	997·0	997·1	997·3	997·6	998·0	998·4	998·9	999·2	999·6	000·0	000·1	997·6
13	000·3	000·6	000·9	001·0	001·5	002·1	002·6	003·2	003·4	003·7	003·8	003·7	003·8	003·9	004·1	004·3	004·5	004·5	004·6	004·7	004·5	004·5	004·4	004·2	003·2
14	003·9	003·7	003·2	002·8	002·5	002·4	002·0	001·9	001·6	001·1	001·0	000·6	000·0	999·6	999·3	998·8	998·7	998·6	998·7	998·5	998·2	998·1	998·0	998·0	000·6
15	998·2	998·1	998·4	998·8	999·2	999·7	000·4	000·7	000·8	001·0	001·0	001·1	001·0	001·1	001·1	001·1	001·1	001·0	001·0	001·1	001·1	001·1	001·2	001·1	000·4
16	000·5	000·0	999·8	999·2	998·9	998·7	998·5	998·3	998·0	997·4	997·3	997·0	996·6	996·3	996·0	995·7	995·2	995·0	994·6	994·4	994·1	993·5	993·0	992·7	996·9
17	992·4	992·4	992·0	992·3	992·4	992·4	992·3	992·0	991·9	991·4	990·9	990·7	990·3	989·8	989·5	989·0	988·6	987·9	987·9	987·5	987·1	986·5	986·1	986·0	990·1
18	985·6	985·2	985·2	985·7	986·0	985·9	986·1	986·1	986·2	986·2	986·4	986·5	987·1	987·2	987·4	987·5	987·5	987·7	987·6	987·6	987·6	987·5	987·5	987·3	986·7
19	987·1	986·7	986·3	986·0	985·2	985·3	984·8	984·7	984·5	984·2	984·5	984·6	984·9	984·9	985·1	985·4	985·8	986·0	986·2	986·7	987·0	987·0	987·1	987·0	**985·7**
20	987·0	986·8	986·7	986·7	986·7	986·7	986·8	986·8	986·9	987·0	987·1	987·2	987·0	987·1	987·1	987·0	987·0	986·9	986·9	986·9	986·9	986·9	986·8	986·7	986·9
21	986·7	986·6	986·2	985·9	986·0	986·2	986·5	986·9	987·2	987·5	987·8	988·1	988·3	988·4	988·5	988·6	988·7	989·0	989·4	989·9	990·2	990·5	990·6	990·8	988·0
22	990·8	990·8	990·9	991·0	991·1	991·4	991·8	992·3	992·8	993·2	993·6	994·0	994·3	994·6	995·0	995·1	995·5	995·8	996·4	997·1	997·3	997·6	997·8	998·3	993·9
23	998·6	998·8	999·0	999·1	999·5	999·7	000·0	000·3	000·7	000·9	000·8	001·0	001·0	001·0	000·8	000·9	001·1	001·3	001·6	002·3	002·5	002·6	002·8	002·7	000·7
24	002·6	002·7	002·7	002·8	002·9	003·6	004·1	004·7	005·2	005·7	006·2	006·6	007·1	007·4	007·8	008·2	008·5	009·3	009·8	010·6	011·1	011·4	011·6	011·9	006·7
25	012·1	012·2	012·2	012·3	012·4	012·6	012·7	013·0	012·9	012·9	012·6	012·2	011·9	011·2	010·8	010·3	010·0	009·7	009·8	010·5	010·6	010·5	010·4	010·3	011·5
26	010·2	010·1	010·0	009·8	009·6	009·4	009·2	008·9	008·7	008·5	008·1	007·9	007·1	006·7	006·2	006·0	005·8	005·7	005·9	006·2	006·1	005·9	006·0	006·2	007·8
27	006·1	006·2	006·2	006·0	006·1	006·2	006·4	006·7	007·1	007·5	007·7	007·8	008·1	008·1	008·3	008·3	008·7	008·9	009·4	009·7	009·7	009·7	009·6	009·3	007·8
28	009·0	008·8	008·3	007·9	007·6	007·4	007·2	006·9	006·4	006·0	005·6	005·2	004·6	004·3	003·9	003·2	002·4	002·0	001·5	000·9	000·4	999·9	999·3	998·8	004·5
29	997·6	997·2	997·1	996·7	996·5	996·4	996·4	996·5	996·5	996·5	996·5	996·5	996·5	996·3	996·3	996·3	996·4	996·7	997·0	997·5	997·6	997·6	997·6	997·6	996·8
30	997·8	997·9	998·1	998·1	998·3	998·5	998·9	999·0	999·1	999·4	999·4	999·5	999·6	999·8	999·8	999·6	999·7	999·7	000·0	000·1	000·1	000·0	000·0	999·7	999·2
31	999·3	999·1	998·7	998·5	998·3	998·2	998·1	998·3	998·2	997·9	997·9	997·4	997·5	997·4	997·5	997·4	997·1	997·2	997·3	997·4	997·2	997·1	997·3	997·3	997·9
Mean (Station level)	1002·11	1001·96	1001·82	1001·70	**1001·66**	1001·75	1001·78	1001·82	1001·85	1001·84	1001·83	1001·79	1001·79	1001·73	1001·72	1001·67	1001·67	1001·74	1001·89	1002·12	**1002·23**	1002·20	1002·15	1002·08	1001·87
Mean Sea level)	1005·34	1005·19	1005·05	1004·93	1004·89	1004·98	1005·00	1005·03	1005·06	1005·04	1005·03	1004·99	1004·99	1004·93	1004·92	**1004·87**	**1004·87**	1004·94	1005·10	1005·34	**1005·45**	1005·42	1005·38	1005·31	1005·08
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

21. Aberdeen : H_b (Height of barometer cistern above M.S.L.) = 26·8 metres. **September, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	997·4	997·3	997·5	997·3	997·4	997·6	998·1	998·7	999·4	000·1	000·9	001·7	002·3	003·0	003·8	004·6	005·0	005·8	006·6	007·0	009·0	009·6	010·1	011·0	002·3
2	011·7	012·4	013·3	013·8	014·5	015·7	016·4	017·4	018·2	018·9	019·3	019·9	020·2	020·7	021·2	021·7	022·0	022·5	023·1	023·8	024·2	024·5	024·8	025·1	019·1
3	025·4	025·5	025·7	025·8	026·0	026·3	026·6	026·8	027·1	027·2	027·3	027·3	027·4	027·3	027·3	027·2	027·3	027·3	027·3	027·4	027·7	027·5	027·5	027·3	**026·9**
4	027·1	026·8	026·4	025·7	025·7	025·6	025·8	025·7	025·6	025·3	024·7	024·4	024·0	023·5	023·0	022·6	022·0	021·7	021·7	021·4	020·8	020·5	020·2	019·7	023·9
5	019·1	018·8	018·2	017·5	017·0	016·9	016·6	016·3	016·0	015·7	015·3	014·9	014·4	013·9	013·4	012·9	012·7	012·4	012·2	012·1	011·8	011·3	011·0	010·7	014·8
6	010·5	010·0	009·6	009·1	008·9	008·7	008·7	008·6	008·5	008·2	007·9	007·4	007·0	006·7	006·6	006·3	006·1	006·0	006·1	006·4	006·3	006·2	006·1	005·7	007·7
7	005·5	005·4	005·2	004·8	004·7	004·9	005·0	005·1	005·2	005·1	005·1	005·0	004·9	004·7	004·4	004·2	004·0	003·8	003·7	003·5	003·3	003·0	002·5	001·8	004·4
8	001·2	000·5	999·3	998·5	997·5	996·6	995·9	995·1	994·2	993·4	992·7	991·5	991·1	990·8	990·3	989·9	989·0	989·0	988·4	987·9	987·6	987·0	986·4	986·0	992·8
9	985·3	984·8	985·1	985·1	985·2	985·6	986·3	987·3	988·0	988·5	989·3	989·8	991·0	991·9	992·6	993·5	994·4	995·7	996·5	997·6	998·2	999·4	999·9	000·2	991·0
10	001·0	001·7	002·1	002·4	002·9	003·6	004·3	004·4	005·1	005·2	005·4	005·5	005·9	005·8	005·7	005·4	005·3	005·3	005·3	004·9	004·4	003·7	002·9	001·9	004·1
11	000·3	998·2	996·9	995·0	993·8	991·9	990·7	990·3	990·4	990·1	990·1	990·0	990·1	990·3	990·2	990·8	99·16	992·3	993·1	993·9	994·2	994·8	995·0	995·5	993·0
12	995·3	995·1	994·2	993·3	992·1	991·8	992·0	992·1	992·1	992·3	992·6	993·1	993·1	993·2	993·0	993·3	993·5	993·3	993·1	992·8	992·5	992·1	991·5	991·7	993·0
13	991·4	991·5	991·1	991·0	990·6	991·2	991·4	991·5	992·0	991·9	991·9	992·0	992·2	992·2	992·3	993·6	994·2	994·5	995·7	996·8	997·5	998·6	999·1	999·4	993·3
14	999·7	000·3	000·4	000·6	000·7	000·8	001·1	001·0	000·8	000·5	000·2	999·4	998·8	998·6	998·4	998·4	998·7	999·6	000·9	002·1	003·0	004·0	004·5	005·0	000·6
15	005·7	006·2	006·5	007·0	007·5	007·5	007·8	007·7	007·5	007·0	006·0	005·0	003·8	002·6	000·9	999·6	998·0	996·6	995·1	993·0	992·2	991·5	991·5	991·5	001·9
16	991·7	992·1	993·1	993·7	993·9	994·0	994·5	995·0	995·1	995·7	995·5	995·2	995·1	995·1	994·4	993·6	992·9	992·4	992·0	991·6	991·4	991·3	991·7	992·2	993·5
17	992·5	992·7	993·0	993·2	993·3	993·5	993·6	993·8	993·5	992·9	991·3	990·0	988·7	988·0	988·4	989·5	989·8	990·4	990·7	990·1	989·4	988·8	988·3	987·6	991·1
18	988·6	988·6	988·4	988·6	989·3	990·1	991·6	993·1	995·2	996·8	998·4	000·4	002·3	003·6	004·8	005·6	006·7	007·3	008·8	009·6	010·2	010·5	010·7	010·9	999·5
19	010·8	010·7	010·6	010·7	010·6	010·4	010·4	010·4	010·3	009·9	009·2	009·0	008·4	007·9	007·3	006·4	005·8	005·2	004·7	003·9	003·0	002·1	001·1	000·3	007·7
20	999·3	998·1	997·2	996·1	995·5	995·2	994·9	994·8	994·6	994·1	994·0	994·0	993·8	993·8	992·9	991·8	991·4	990·6	990·0	988·9	987·1	985·3	983·4	981·1	992·8
21	978·6	976·1	974·3	973·3	973·2	973·6	975·8	978·2	980·6	982·9	984·5	985·7	986·6	987·4	988·3	988·9	989·5	990·3	991·0	991·8	991·8	991·8	991·9	991·7	**983·9**
22	991·6	991·6	991·5	991·2	990·9	991·0	991·4	991·7	991·8	991·7	991·7	991·7	991·9	992·2	992·3	993·0	993·8	994·5	995·2	995·8	995·9	996·5	997·2	997·1	992·9
23	996·7	996·6	996·3	996·0	995·6	995·0	994·7	994·4	994·1	994·0	993·6	992·8	991·8	991·0	990·6	990·1	989·9	989·9	990·0	990·2	990·1	989·5	989·0	989·2	992·7
24	989·3	989·2	989·1	989·2	989·2	989·7	990·2	990·5	990·9	991·6	991·7	992·2	992·6	993·0	993·2	993·6	994·5	995·1	995·8	996·3	996·9	997·3	997·9	998·2	992·6
25	998·5	998·9	999·4	999·7	000·2	000·9	001·5	002·0	002·8	003·7	004·1	004·2	005·0	005·3	005·6	006·2	006·8	007·7	008·5	009·0	009·5	010·0	010·3	010·6	004·3
26	011·0	011·2	011·6	011·8	012·1	012·8	013·5	013·8	014·4	014·9	015·1	015·1	015·0	015·2	015·2	015·3	015·7	016·1	016·7	016·9	017·2	017·1	017·0	016·9	014·5
27	016·8	016·7	016·5	016·5	016·6	016·7	017·2	017·5	017·7	017·6	017·8	018·0	018·0	018·0	017·9	018·0	018·2	018·5	019·1	019·3	019·3	019·1	019·0	019·0	017·8
28	018·9	018·3	017·9	017·6	017·1	016·9	016·6	015·9	015·1	013·9	012·7	011·5	010·3	008·8	007·7	007·4	007·1	006·5	005·8	004·6	003·4	002·9	002·0	002·5	011·2
29	002·1	001·9	001·2	000·3	000·8	000·8	000·7	000·6	000·2	999·1	998·9	998·3	997·2	996·1	994·9	994·0	993·1	992·1	991·8	991·0	989·8	989·3	987·8	987·8	996·5
30	988·1	988·3	990·0	990·5	991·1	991·5	992·1	992·2	992·6	992·7	992·9	993·0	992·9	993·2	993·5	994·1	994·6	995·5	996·3	997·1	997·6	998·2	998·4	998·5	993·3
Mean (Station level)	1001 ·70	1001 ·52	1001 ·39	1001 ·18	**1001 ·13**	1001 ·23	1001 ·51	1001 ·73	1001 ·96	1002 ·03	1002 ·00	1001 ·93	1001 ·86	1001 ·79	1001 ·67	1001 ·72	1001 ·79	1001 ·93	1002 ·17	**1002 ·25**	1002 ·18	1002 ·11	1001· ·96	1001 ·87	1001 ·77
Mean (Sea level)	1004 ·95	1004 ·77	1004 ·64	1004 ·43	**1004 ·38**	1004 ·48	1004 ·76	1004 ·97	1005 ·19	1005 ·25	1005 ·22	1005 ·14	1005 ·07	1005 ·00	1004 ·88	1004 ·94	1005 ·01	1005 ·16	1005 ·40	**1005 ·49**	1005 ·42	1005 ·35	1005 ·20	1005 ·12	1005 ·00

22. Aberdeen : H_b = 26·8 metres. **October, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	998·6	999·1	998·7	998·8	998·7	999·0	999·7	999·7	999·4	998·7	998·7	998·5	998·1	998·5	998·2	998·4	999·0	999·9	999·8	000·2	000·7	000·7	000·7	001·0	999·2
2	001·1	001·0	000·9	001·0	000·9	001·0	001·2	001·2	001·4	001·4	001·2	001·1	001·0	000·7	001·1	001·2	001·4	001·8	002·3	002·8	003·2	003·4	003·7	004·0	001·6
3	004·1	004·3	004·6	005·0	005·4	005·8	006·4	006·8	007·0	007·0	007·1	007·3	007·1	007·2	007·0	007·0	006·9	006·6	006·4	006·2	006·1	005·4	004·8	004·3	006·1
4	004·3	004·1	003·9	003·6	003·6	003·5	003·9	004·2	004·4	004·4	004·6	004·6	004·6	004·6	004·6	004·7	004·9	005·0	005·2	005·1	005·3	005·5	005·2	005·1	004·5
5	004·9	004·5	004·1	003·6	003·0	002·9	002·4	002·1	001·9	001·3	000·5	999·2	998·2	997·1	996·2	995·0	993·8	992·5	991·1	989·5	987·7	986·4	985·9	985·1	997·5
6	984·4	983·5	983·0	982·7	983·1	983·6	984·6	985·8	986·6	987·5	988·3	988·8	989·3	989·8	989·8	989·8	989·6	989·5	988·7	987·8	985·0	983·8	982·2	981·7	986·3
7	981·5	981·2	981·2	982·2	983·0	984·0	986·0	987·5	989·0	990·4	991·3	992·3	993·4	993·9	994·5	995·5	996·1	996·8	997·9	998·5	998·9	999·5	999·6	999·0	991·0
8	000·1	000·0	000·0	000·2	000·2	000·5	000·9	001·1	001·3	001·5	001·8	001·8	001·9	002·0	002·0	002·2	002·8	003·5	003·9	004·3	004·5	004·6	004·7	004·9	002·0
9	005·3	005·5	006·0	006·1	006·4	006·8	007·0	007·1	007·4	007·1	007·0	006·7	006·4	006·0	005·6	005·1	004·7	004·1	003·5	002·9	002·3	001·5	000·6	000·2	005·2
10	999·9	000·1	000·2	000·3	000·4	000·5	000·6	001·1	001·5	001·9	001·9	002·0	002·0	001·8	002·0	002·1	002·0	002·2	002·2	001·9	001·8	000·8	999·9	999·3	001·2
11	998·5	998·4	998·5	998·9	999·8	000·5	001·1	001·9	002·4	003·0	003·3	003·1	003·3	003·8	003·8	004·0	004·1	004·9	005·2	005·2	005·2	005·2	004·6	004·7	002·5
12	004·5	004·1	003·1	003·0	003·9	004·7	006·0	006·8	009·0	011·4	012·7	013·9	014·7	015·4	016·1	016·8	017·8	018·4	019·1	019·5	020·1	020·4	020·6	020·9	012·4
13	021·2	021·0	021·3	021·7	021·9	022·5	023·0	023·3	023·9	024·2	024·6	024·8	025·3	025·3	025·4	025·6	025·9	026·5	026·9	027·1	027·5	027·6	027·6	027·7	024·5
14	027·3	027·3	027·2	027·3	027·2	027·1	027·5	027·6	027·8	027·9	027·7	027·5	027·1	026·6	026·6	026·5	026·7	027·1	027·2	027·7	027·8	027·8	027·7	027·6	**027·3**
15	027·4	027·2	026·9	026·7	026·5	026·3	026·3	026·3	026·3	026·1	025·9	026·0	025·6	025·1	024·7	024·2	024·0	023·8	023·6	023·3	023·0	022·8	022·1	021·5	025·2
16	020·9	020·5	019·6	019·0	018·4	018·1	018·3	018·0	017·5	016·9	016·0	015·1	014·5	014·3	014·1	013·7	013·5	013·7	013·8	014·0	014·5	014·6	014·6	014·8	016·3
17	015·3	015·3	015·6	016·1	016·5	017·1	018·0	018·9	019·4	020·0	020·7	020·7	021·2	021·4	021·5	021·7	022·2	022·5	022·7	022·7	022·7	022·2	022·2	021·9	019·8
18	021·3	020·5	020·3	019·7	019·6	019·1	019·0	018·3	018·3	017·8	017·6	016·7	015·9	015·0	014·3	013·5	012·9	012·4	011·9	011·2	010·5	009·4	008·5	007·5	015·8
19	006·4	005·2	004·1	003·0	002·1	001·2	000·4	999·9	999·4	998·6	997·5	996·5	995·8	995·1	994·5	994·2	994·1	994·1	994·1	994·1	994·1	993·8	993·8	993·7	998·0
20	993·6	993·8	993·8	993·8	994·0	994·4	995·1	996·0	996·9	998·7	000·1	001·2	002·2	003·4	004·5	005·1	006·3	007·7	008·6	009·3	010·0	010·5	011·2	011·4	001·4
21	011·7	012·1	012·4	012·6	013·0	013·4	013·7	014·3	014·6	014·9	015·1	015·0	015·0	015·2	015·1	015·2	015·4	015·9	016·3	016·4	017·1	017·3	017·4	017·6	014·7
22	017·7	017·7	018·1	018·5	019·0	019·4	019·7	020·6	021·1	021·4	021·5	021·4	021·5	021·4	021·4	022·0	022·3	022·5	022·5	022·5	022·6	022·8	022·8	022·3	020·9
23	022·2	022·2	022·0	022·3	022·3	022·3	022·5	022·6	022·8	022·8	022·8	022·3	022·2	022·4	022·4	022·2	022·3	022·6	023·1	022·7	022·5	022·5	022·3	022·2	022·4
24	021·9	021·6	021·6	021·6	021·5	021·4	021·5	021·6	021·5	021·2	021·1	020·7	020·5	019·9	019·6	019·0	018·9	019·0	018·8	018·7	018·6	018·0	017·5	017·1	020·2
25	016·4	015·5	014·6	014·1	013·4	012·4	011·9	011·6	011·1	010·5	010·2	009·6	008·9	008·0	007·3	006·9	006·6	006·4	006·1	005·7	005·3	005·1	004·8	004·6	009·7
26	004·2	003·8	003·5	003·2	002·9	003·2	003·2	003·5	003·8	004·4	004·5	004·6	004·5	004·3	004·2	004·2	004·4	004·6	004·7	004·6	004·4	004·1	003·4	003·1	004·0
27	002·4	001·9	001·4	001·1	000·7	000·3	000·1	999·8	999·5	999·3	998·9	998·6	998·2	997·7	997·5	997·4	997·6	997·6	997·4	997·2	997·4	997·3	997·3	997·5	999·0
28	997·4	997·3	997·4	997·5	997·5	997·6	997·8	998·0	998·4	998·6	998·8	998·9	998·7	998·7	998·8	999·0	999·2	999·8	000·3	000·5	000·3	000·8	000·9	001·3	998·8
29	001·2	001·1	000·8	000·5	000·1	999·4	998·7	998·3	997·7	996·8	995·5	994·0	992·3	991·4	990·1	989·0	988·1	987·6	987·2	985·9	985·7	985·6	985·4	985·4	993·6
30	985·5	985·6	985·3	985·4	985·4	985·1	985·2	985·0	984·7	984·4	984·0	983·6	983·3	982·8	982·6	982·4	982·4	982·6	983·2	983·5	983·9	984·3	984·8	984·9	**984·2**
31	985·2	985·3	985·3	985·3	985·3	985·3	985·1	985·1	985·2	985·1	984·9	984·7	984·8	984·7	984·8	985·1	985·3	985·7	985·8	985·8	985·7	985·8	985·6	985·6	985·2
Mean (Station level)	1006 ·01	1005 ·83	1005 ·66	**1005 ·64**	1005 ·67	1005 ·75	1006 ·05	1006 ·31	1006 ·52	1006 ·62	**1006 ·64**	1006 ·49	1006 ·37	1006 ·24	1006 ·14	1006 ·09	1006 ·17	1006 ·36	1006 ·43	1006 ·35	1006 ·30	1006 ·11	1005 ·88	1005 ·77	1006 ·15
Mean (Sea level)	1009 ·29	1009 ·11	1008 ·94	**1008 ·92**	1008 ·95	1009 ·03	1009 ·33	1009 ·59	1009 ·79	1009 ·89	**1009 ·90**	1009 ·75	1009 ·62	1009 ·49	1009 ·39	1009 ·35	1009 ·43	1009 ·62	1009 ·70	1009 ·62	1009 ·57	1009 ·39	1009 ·16	1009 ·05	1009 ·42
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

Note.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

23. Aberdeen : H_b (height of barometer cistern above M.S.L.) = 26·8 metres. **November, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level 1	mb. 985·5	mb. 985·5	mb. 985·7	mb. 986·2	mb. 987·1	mb. 988·5	mb. 989·8	mb. 991·5	mb. 992·8	mb. 993·8	mb. 994·3	mb. 994·3	mb. 994·1	mb. 993·8	mb. 993·1	mb. 991·6	mb. 991·1	mb. 989·5	mb. 987·3	mb. 986·2	mb. 984·2	mb. 982·2	mb. 981·0	mb. 980·2	mb. 988·8
2	980·4	980·9	981·0	980·6	980·5	980·2	980·3	980·6	980·6	980·7	981·4	982·0	982·7	983·4	984·4	985·2	987·2	989·1	990·6	992·0	993·5	994·4	995·3	996·3	984 8
3	997·0	997·0	997·2	997·7	998·1	999·0	999·5	999·8	001·2	002·5	003·8	004·0	005·3	006·0	006·8	007·6	008·6	009·6	010·4	011·2	012·1	012·5	013·3	013·8	004·4
4	014·4	015·2	015·7	015·6	015·6	015·7	016·3	016·4	016·6	016·7	016·5	015·9	015·6	015·5	015·3	015·0	015·0	014·9	014·6	014·3	014·0	013·8	013·4	013·4	015·2
5	013·3	013·0	013·1	013·0	013·4	013·8	014·4	015·6	016·3	017·4	017·8	018·1	018·5	018·7	019·4	020·1	020·7	021·1	021·7	022·0	022·4	023·1	023·7	024·2	017·9
6	024·7	025·1	025·4	025·7	026·0	026·4	027·0	027·9	028·5	029·0	029·4	029·5	029·7	029·8	030·0	030·4	030·8	031·1	031·5	031·7	031·9	032·4	032·6	032·8	029·0
7	032·7	032·5	032·3	032·1	032·1	032·0	032·3	032·7	032·8	033·0	032·7	032·3	032·0	031·7	031·6	031·4	031·3	031·1	031·0	030·8	030·4	030·0	029·7	029·2	**031·7**
8	028·8	028·3	027·9	027·3	027·1	026·8	026·4	026·1	025·9	025·5	025·3	024·7	024·1	023·4	023·1	022·2	021·8	021·5	021·3	020·8	020·4	020·1	019·8	019·4	024·3
9	018·5	018·0	017·3	017·0	016·5	016·1	016·0	015·7	015·1	014·4	014·1	013·2	012·9	012·1	011·8	011·4	011·1	010·6	010·3	010·0	009·9	009·6	009·3	009·3	013·6
10	009·2	008·8	008·6	008·6	008·7	008·7	008·9	009·4	009·4	009·7	009·9	009·8	009·7	009·6	009·6	009·5	009·6	009·6	009·9	009·9	010·1	009·8	009·9	009·9	009·4
11	010·1	010·2	010·6	010·6	010·8	011·0	011·3	012·0	012·4	012·9	012·9	012·7	012·9	013·1	013·2	013·8	014·3	014·9	015·4	016·2	016·9	017·8	018·7	019·6	013·3
12	020·7	021·6	022·6	023·4	024·4	025·3	026·3	027·6	028·2	029·1	029·8	030·3	030·6	030·9	031·3	031·7	032·1	032·2	032·1	032·0	031·9	031·7	031·5	031·1	028·4
13	030·7	030·3	029·4	028·6	028·1	027·4	026·9	026·5	026·3	025·7	024·7	024·0	023·5	023·1	022·8	022·4	022·3	022·4	022·1	021·8	021·5	021·5	021·3	021·2	025·0
14	020·8	020·6	020·4	020·3	020·2	019·7	019·7	019·6	019·7	019·7	019·6	019·5	019·4	019·2	019·3	018·7	018·8	018·8	019·1	019·2	019·4	019·4	019·8	019·9	019·6
15	019·8	019·9	019·9	020·1	020·3	020·5	020·6	021·0	021·3	021·6	021·5	021·5	021·5	021·4	021·6	022·0	022·5	023·0	023·2	023·5	023·9	024·4	024·6	024·8	021·7
16	025·1	025·5	025·7	026·1	026·5	026·8	027·6	028·1	028·4	029·0	029·0	029·0	029·0	029·0	029·3	029·2	029·6	029·8	030·0	030·0	029·8	029·8	029·6	029·1	028·3
17	029·0	028·6	028·5	028·0	027·5	027·0	027·0	026·7	026·4	026·3	025·9	025·6	025·3	025·1	025·0	025·0	025·0	024·8	024·7	024·6	024·6	024·2	023·8	023·5	026·0
18	023·0	022·9	023·2	024·2	024·6	024·8	025·1	025·6	026·4	026·9	027·3	027·3	027·4	027·5	027·6	027·9	028·4	028·9	029·1	029·4	029·2	029·0	029·1	029·4	026·7
19	029·3	029·2	029·5	029·2	029·0	029·3	028·9	029·1	029·4	029·0	028·7	027·7	027·1	026·7	026·4	026·4	026·3	026·2	026·1	026·0	026·1	025·9	025·7	025·8	027·7
20	025·3	025·3	025·1	024·8	024·4	024·3	024·2	024·1	023·8	023·8	023·2	022·7	022·2	021·6	021·5	021·5	021·2	021·2	021·2	021·4	021·0	020·9	020·8	020·7	022·9
21	020·4	020·0	020·0	019·3	018·8	018·3	017·9	016·9	016·6	016·5	015·6	013·2	010·9	010·9	009·2	009·4	008·5	007·2	005·6	006·2	005·2	005·6	006·2	006·8	013·0
22	007·2	008·1	009·2	009·3	009·5	009·3	009·5	009·3	009·5	009·3	008·6	007·8	007·2	006·5	006·4	006·2	005·9	005·8	005·9	005·9	006·0	005·8	006·1	005·9	007·5
23	036·0	005·8	005·8	005·3	004·9	004·4	004·4	004·0	003·8	003·4	002·8	002·2	001·5	001·2	001·0	000·7	000·8	000·7	000·5	999·9	999·5	998·9	998·1	997·1	002·4
24	995·5	995·7	995·6	994·8	994·8	994·8	994·6	994·6	994·7	994·7	994·5	994·8	994·5	994·2	993·9	994·3	994·3	995·1	995·9	996·4	996·8	997·1	997·1	997·4	995·2
*25	998·0	998·1	998·3	998·3	998·3	998·6	999·0	999·6	999·8	000·2	000·0	999·9	999·6	999·4	999·2	999·1	999·1	999·1	999·2	999·1	998·5	998·3	998·1	997·8	998·9
26	997·4	997·0	996·5	995·8	995·5	994·9	994·6	994·1	994·0	994·0	994·0	993·8	993·6	993·4	993·2	993·1	993·0	992·8	992·6	992·1	991·5	991·0	990·3	989·3	993·8
27	988·1	986·9	985·0	984·6	983·7	983·5	983·1	982·9	982·8	982·6	981·6	980·6	978·7	976·5	975·5	977·2	978·5	979·9	980·8	981·7	982·5	983·3	984·3	985·3	**982·2**
28	986·3	987·1	987·7	989·0	990·0	991·3	992·4	993·4	994·9	995·8	996·0	996·9	997·2	997·3	997·9	998·3	998·6	998·6	998·6	998·6	998·6	998·7	998·7	998·6	994·7
29	998·5	998·3	998·1	997·5	997·2	996·7	996·1	995·9	995·5	994·7	994·7	994·8	995·3	995·6	996·3	997·0	997·4	997·8	998·0	997·9	998·0	998·0	997·8	997·5	996·9
30	997·2	996·9	996·1	996·1	995·8	995·4	995·4	995·3	995·2	995·0	994·7	994·1	993·6	993·2	992·7	992·6	992·5	992·6	992·3	992·3	992·4	992·5	992·8	993·3	994·3
Mean (Station level)	1011 ·11	1011 ·08	1011 ·07	1010 ·97	1011 ·98	1011 ·02	1011 ·18	1011 ·39	1011 ·61	**1011 ·77**	1011 ·68	1011 ·41	1011 ·19	1010 ·99	**1010 ·95**	1011 ·03	1011 ·21	1011 ·33	1011 ·37	1011 ·44	1011 ·41	1011 ·39	1011 ·41	1011 ·42	1011 ·26
Mean (Sea Level)	1014 ·41	1014 ·38	1014 ·37	1014 ·28	1014 ·29	1014 ·33	1014 ·49	1014 ·70	1014 ·92	**1015 ·07**	1014 ·98	1014 ·70	1014 ·48	1014 ·28	**1014 ·24**	1014 ·33	1014 ·51	1014 ·63	1014 ·67	1014 ·74	1014 ·71	1014 ·69	1014 ·71	1014 ·72	1014 ·56

24. Aberdeen : H_b = 26·8 metres. **December, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level 1	mb. 993·5	mb. 994·0	mb. 994·4	mb. 994·7	mb. 995·1	mb. 995·5	mb. 995·6	mb. 995·8	mb. 996·1	mb. 996·2	mb. 996·3	mb. 996·1	mb. 996·0	mb. 995·6	mb. 995·4	mb. 995·5	mb. 995·4	mb. 995·3	mb. 995·1	mb. 995·0	mb. 994·9	mb. 994·8	mb. 994·5	mb. 994·1	mb. 995·2
2	993·6	993·3	993·0	992·8	992·7	992·4	992·4	992·6	992·6	992·6	992·6	992·5	992·5	992·2	992·4	992·6	992·4	992·8	992·9	993·3	993·3	993·3	993·5	993·7	992·8
3	993·8	993·8	993·9	994·0	994·3	994·5	994·7	995·2	995·8	996·6	996·9	997·6	997·8	998·3	998·9	999·4	999·9	000·4	001·0	001·5	001·9	002·0	001·9	002·8	997·6
4	002·4	002·7	002·4	001·8	001·4	001·0	000·3	000·1	999·4	999·1	998·0	996·9	997·1	995·6	995·0	994·9	993·6	993·3	993·1	992·2	991·6	991·0	991·1	990·5	997·1
5	990·4	990·9	991·2	991·2	991·4	992·0	992·4	992·6	992·7	992·9	992·3	991·9	991·1	990·9	990·5	990·4	991·4	991·8	993·1	994·2	995·0	995·4	996·6	996·8	992·3
6	997·4	998·0	998·9	000·2	001·6	003·0	004·7	006·5	007·9	009·5	010·8	011·9	013·1	014·1	015·2	016·2	016·6	017·3	017·5	017·5	017·6	017·6	017·3	017·4	009·9
7	017·5	017·5	016·7	016·9	017·1	016·8	016·0	016·8	016·1	016·1	015·6	014·9	013·2	013·0	012·5	011·6	011·9	011·2	011·0	011·2	011·1	011·1	011·2	011·0	014·2
8	010·7	011·2	012·0	012·9	013·1	014·2	014·7	015·2	015·9	016·2	016·0	016·3	016·0	015·5	015·4	015·3	014·7	014·2	014·1	013·6	012·9	012·4	012·1	011·6	014·0
9	011·4	011·6	012·0	012·1	012·6	013·0	013·6	014·6	015·6	017·1	018·0	018·7	018·8	019·4	019·9	020·3	020·6	021·2	021·3	021·2	021·5	021·2	021·0	020·7	017·2
10	020·1	019·9	019·5	019·3	019·0	018·9	018·6	018·7	018·6	018·7	018·6	018·1	017·4	016·9	017·0	017·7	017·6	018·0	018·0	018·0	017·7	017·3	017·4	017·2	018·3
11	017·4	017·3	017·2	017·1	017·1	017·1	017·3	017·5	017·9	017·9	017·8	017·6	017·2	016·9	017·2	017·0	016·9	016·7	016·3	015·9	015·8	015·5	015·1	015·0	017·0
12	014·5	014·1	013·9	014·0	013·6	013·2	013·5	013·6	013·3	013·1	013·0	012·6	012·0	012·1	012·1	011·7	011·4	011·0	011·0	010·7	010·4	010·0	009·2	012·4
13	008·9	008·1	006·9	005·8	004·6	003·3	001·3	001·3	001·2	001·1	000·5	000·1	999·1	998·6	999·3	999·2	999·4	999·3	999·6	999·3	999·4	999·5	999·4	999·3	001·6
14	999·1	998·7	998·7	998·4	998·4	998·4	998·4	998·8	998·8	999·0	999·0	999·0	999·1	999·3	999·8	000·1	000·6	001·1	001·6	002·4	002·5	002·9	003·1	003·3	999·9
15	003·7	003·6	003·8	003·5	003·2	002·9	003·0	002·8	002·9	002·9	002·5	001·6	000·8	000·1	999·3	999·1	998·8	998·2	997·5	997·4	997·3	997·0	996·7	996·5	000·8
16	996·5	996·3	996·2	995·8	996·0	996·0	996·7	997·5	998·2	999·6	000·2	000·8	001·4	002·4	003·1	003·8	005·3	005·7	006·9	007·6	008·3	009·0	009·5	009·6	001·5
17	009·6	009·7	009·5	009·5	008·9	008·6	008·8	008·7	008·7	009·0	009·5	009·4	009·0	008·8	008·5	008·0	007·7	006·9	006·8	006·7	006·2	005·9	005·4	005·1	008·2
18	005·0	004·6	004·6	004·2	004·0	004·0	004·2	003·2	002·9	003·8	003·8	003·5	003·1	002·0	001·2	001·5	000·9	000·8	001·4	002·3	003·0	003·7	003·9	003·6	003·2
19	002·9	001·9	000·8	000·5	001·2	002·2	003·5	005·0	006·8	008·5	010·3	011·3	012·3	013·2	013·8	014·6	014·8	015·0	015·4	015·1	015·1	015·2	015·2	015·5	009·3
20	016·0	015·9	015·8	016·0	016·4	016·9	018·1	018·5	019·1	019·9	019·7	019·3	019·4	019·8	020·1	019·9	019·9	020·7	020·9	021·5	022·1	022·1	022·4	022·2	019·1
21	022·4	022·4	022·3	022·0	021·8	022·0	022·2	022·2	022·6	023·0	023·1	022·4	021·6	021·4	021·2	021·2	020·8	020·3	020·4	019·8	019·5	018·6	018·2	017·8	**021·3**
22	016·7	016·2	015·6	014·9	013·9	013·3	013·0	012·5	012·7	012·3	011·1	010·0	008·6	007·1	005·6	004·8	003·8	001·8	998·7	997·9	997·6	997·1	998·3	998·8	008·0
23	999·6	998·9	997·2	994·3	992·8	991·2	989·7	988·6	987·9	988·1	988·4	989·3	990·8	992·1	993·2	994·1	995·1	995·6	995·5	995·3	995·8	995·7	995·6	995·8	993·4
24	995·4	995·5	996·0	996·2	996·2	996·1	995·8	996·0	996·1	995·9	995·7	995·6	995·9	995·9	995·9	995·9	995·7	995·4	995·1	994·7	994·0	993·3	993·0	995·5
25	993·3	991·6	990·5	990·4	989·9	991·0	992·6	993·7	994·7	996·4	997·1	998·0	999·1	000·8	001·4	002·9	004·0	004·3	004·8	005·3	005·8	006·1	005·9	005·4	998·3
26	005·0	003·9	002·9	001·3	000·2	998·3	996·6	995·2	994·9	994·4	993·3	991·7	990·4	989·5	988·1	988·2	988·0	987·4	985·5	985·3	984·1	983·2	982·9	979·8	992·5
27	977·8	975·0	972·9	971·4	969·7	968·0	967·3	964·5	962·9	961·5	962·7	964·1	965·3	965·4	966·4	967·0	967·4	967·5	967·6	968·6	969·7	970·9	971·5	972·1	**968·4**
28	972·8	973·3	973·4	973·3	974·1	974·1	974·4	974·9	975·2	975·9	976·4	976·8	978·0	978·6	979·2	979·7	980·7	981·5	981·9	982·2	982·9	983·4	984·7	985·5	977·8
29	986·6	987·2	988·6	989·4	991·0	991·3	992·7	994·0	995·2	995·6	995·8	995·7	995·2	994·6	993·9	992·8	991·4	990·3	987·3	984·7	982·8	981·7	980·7	979·5	990·0
30	979·4	978·9	979·1	979·8	980·3	980·8	981·5	982·1	982·7	983·1	983·2	983·5	983·5	983·5	984·8	984·2	984·7	984·9	984·9	985·1	985·1	985·2	984·6	984·8	982·8
31	984·0	984·7	984·7	984·6	984·6	984·6	983·2	982·8	982·3	981·6	981·2	981·7	982·1	982·1	982·8	982·8	982·8	982·2	981·8	982·0	982·1	982·3	982·3	982·7	982·9
Mean (Station level)	1001 ·21	1000 ·99	1000 ·80	1000 ·59	1000 ·52	**1000 ·47**	1000 ·54	1000 ·69	1000 ·88	1001 ·21	1001 ·27	1001 ·26	1001 ·19	1001 ·16	1001 ·25	1001 ·37	**1001 ·42**	1001 ·36	1001 ·25	1001 ·25	1001 ·24	1001 ·15	1001 ·09	1000 ·98	1001 ·06
Mean (Sea level)	1004 ·49	1004 ·26	1004 ·07	1003 ·86	1003 ·79	**1003 ·74**	1003 ·82	1003 ·97	1004 ·16	1004 ·49	1004 ·54	1104 ·53	1004 ·46	1004 ·43	1004 ·52	1004 ·64	**1004 ·70**	1004 ·63	1004 ·52	1004 ·52	1004 ·51	1004 ·42	1004 ·37	1004 ·26	1004 ·33
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

ANNUAL MEANS OF HOURLY VALUES.

From readings in millibars at exact hours, Greenwich Mean Time.

25. Aberdeen : $H_b = 26{\cdot}8$ metres. **1924.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level.	mb. 006·26	006·12	005·97	005·85	**005·83**	005·88	006·03	006·19	006·35	006·45	006·45	006·37	006·30	006·20	006·16	006·16	006·19	006·26	006·35	006·43	**006·47**	006·42	006·37	006·30	006·
Sea Level.	009·55	009·41	009·26	009·14	**009·13**	009·17	009·31	009·48	009·63	009·72	009·73	009·64	009·56	009·47	009·43	009·43	009·46	009·53	009·63	009·71	**009·75**	009·71	009·66	009·59	009·

PRESSURE AT STATION LEVEL ; MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

26. Aberdeen : $H_b = 26{\cdot}8$ metres. **1924.**

Month.	Mean.	Hour. G M T 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Jan.	1005·89	+0·09	+0·09	−0·05	−0·17	−0·23	−0·25	−0·10	+0·09	+0·27	**+0·39**	+0·37	+0·08	−0·17	**−0·31**	−0·25	−0·20	−0·24	−0·15	+0·01	+0·11	+0·11	+0·09	+0·25	+0·
Feb.	**1011·74**	−0·19	−0·42	−0·69	**−0·81**	−0·79	−0·71	−0·58	−0·29	+0·01	+0·24	+0·42	**+0·45**	+0·43	+0·31	+0·22	+0·26	+0·29	+0·41	+0·42	+0·36	+0·28	+0·24	+0·09	+0·
Mar.	1007·50	+0·01	−0·13	−0·30	−0·41	**−0·44**	−0·41	−0·18	+0·01	+0·21	+0·34	**+0·35**	+0·31	+0·22	+0·04	−0·08	−0·17	−0·14	−0·01	+0·09	+0·15	+0·17	+0·18	+0·13	+0·
April	1006·19	−0·01	−0·13	−0·17	−0·32	**−0·33**	−0·23	−0·12	+0·04	+0·19	**+0·27**	+0·27	+0·24	+0·17	+0·04	−0·07	−0·13	−0·14	−0·15	−0·03	+0·09	+0·13	+0·11	+0·17	+0·
May	1006·32	+0·28	+0·09	−0·10	**−0·27**	−0·24	−0·23	−0·21	−0·20	−0·16	−0·19	−0·21	−0·23	−0·16	−0·17	−0·12	−0·14	−0·09	−0·03	+0·13	+0·32	+0·51	+0·51	**+0·52**	+0·
June	1010·14	0·00	−0·12	−0·29	**−0·39**	−0·34	−0·27	−0·09	+0·13	+0·19	+0·14	+0·16	+0·13	+0·13	+0·07	+0·02	−0·03	−0·11	−0·11	−0·06	−0·05	+0·24	**+0·25**	+0·19	+0·
July	1004·81	+0·01	−0·13	−0·25	−0·32	**−0·34**	−0·28	−0·15	−0·07	+0·05	+0·07	+0·06	+0·03	+0·01	−0·03	−0·04	−0·08	−0·05	+0·01	+0·08	+0·21	**+0·39**	+0·37	+0·28	+0·
Aug.	1001·87	+0·15	+0·01	−0·13	−0·23	**−0·27**	−0·17	−0·13	−0·08	−0·05	−0·05	−0·05	−0·08	−0·08	−0·13	−0·13	−0·17	−0·17	−0·09	+0·07	+0·31	**+0·43**	+0·40	+0·36	+0·
Sept.	1001·77	−0·05	−0·24	−0·37	−0·58	**−0·63**	−0·54	−0·25	−0·04	+0·19	+0·26	+0·23	+0·15	+0·08	+0·02	−0·11	−0·06	+0·01	+0·15	+0·39	**+0·47**	+0·39	+0·32	+0·17	+0·
Oct.	1006·15	−0·33	−0·49	−0·65	**−0·65**	−0·60	−0·50	−0·19	+0·09	+0·32	+0·43	**+0·47**	+0·34	+0·24	+0·13	+0·04	+0·01	+0·11	+0·32	+0·40	+0·34	+0·31	+0·14	−0·07	−0·
Nov.	1011·26	−0·04	−0·08	−0·10	−0·21	−0·21	−0·18	−0·03	+0·17	+0·38	**+0·53**	+0·43	+0·15	−0·09	−0·29	**−0·35**	−0·27	−0·11	+0·01	+0·03	+0·09	+0·05	+0·02	+0·03	+0·
Dec.	**1001·06**	−0·01	−0·20	−0·39	−0·57	−0·63	**−0·67**	−0·59	−0·43	−0·22	+0·13	+0·21	+0·21	+0·15	+0·13	+0·24	+0·38	**+0·43**	+0·39	+0·30	+0·31	+0·31	+0·24	+0·19	+0·
Year	1006·23	−0·01	−0·15	−0·29	−0·41	**−0·42**	−0·37	−0·22	−0·05	+0·12	+0·21	+0·22	+0·15	+0·08	−0·02	−0·05	−0·05	−0·02	+0·06	+0·15	+0·23	**+0·28**	+0·24	+0·19	+0·

ABSOLUTE EXTREMES OF PRESSURE AT STATION LEVEL FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

27. Aberdeen : $H_b = 26{\cdot}8$ metres. **1924.**

Month.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	016·6	013·5	018·5	014·3	978·6	**965·9**	**027·7**	025·9	006·2	003·1	012·6	007·9	007·1	001·2	003·2	000·0	011·0	997·2	001·0	997·9	994·5	980·2	996·3	993·
2	013·5	006·8	015·8	010·4	985·1	978·6	027·3	026·1	005·4	000·3	015·7	009·1	001·2	983·6	008·1	999·5	025·1	011·0	004·0	000·7	996·3	980·1	994·1	992·
3	014·0	007·1	019·3	013·5	992·5	985·1	026·3	024·7	009·6	000·0	016·1	014·8	985·9	**982·6**	008·6	001·2	**027·7**	025·1	007·3	004·0	013·8	996·3	002·8	993·
4	015·2	013·9	015·2	005·2	001·4	992·4	025·7	024·1	012·3	007·7	014·8	013·2	991·9	982·7	001·2	000·2	027·3	019·7	005·5	003·4	016·7	013·2	003·0	990·
5	014·8	012·1	005·3	996·8	016·1	001·4	024·2	018·5	007·7	003·5	016·3	014·1	999·6	991·6	004·6	992·8	019·7	010·7	005·1	985·1	024·2	012·7	996·9	990·
6	012·7	005·5	009·8	005·2	021·3	016·1	018·5	006·6	005·4	004·3	015·9	010·2	003·5	997·5	010·2	004·6	010·7	005·7	989·9	981·6	032·8	024·2	017·8	996·
7	006·4	004·9	009·8	006·8	020·4	017·3	006·6	994·1	004·3	997·0	011·7	009·0	005·4	997·6	021·2	010·2	005·7	001·8	999·9	**981·1**	**033·0**	029·2	017·7	010·
8	006·3	001·2	006·8	993·0	017·4	015·6	994·1	988·4	009·0	997·1	009·0	004·9	009·9	005·4	**024·4**	021·2	001·8	986·0	004·9	999·9	029·2	019·4	016·4	010·
9	001·2	993·8	993·0	983·1	016·0	013·8	998·1	993·3	015·2	009·0	007·9	005·7	015·2	009·7	**024·4**	020·8	000·2	984·7	007·4	000·0	019·4	009·2	021·5	011·
10	993·8	**982·6**	991·3	980·5	021·9	015·2	003·7	997·8	012·3	002·6	005·7	997·2	014·8	011·0	021·1	010·0	005·9	000·2	002·3	999·3	010·1	008·5	020·7	016·
11	995·2	986·5	001·6	991·3	023·7	021·4	003·6	997·7	003·5	999·5	997·2	994·0	015·4	011·2	010·0	998·2	001·9	989·8	005·3	998·1	019·6	009·7	018·0	015·
12	997·9	983·3	007·0	001·5	024·4	023·2	998·6	997·1	008·5	003·4	014·2	996·9	015·3	001·3	000·1	996·7	993·5	991·6	020·9	002·8	032·2	019·6	015·1	009·
13	997·1	983·3	017·4	007·0	024·0	022·3	000·8	996·6	011·3	003·4	**022·0**	014·2	012·1	002·1	004·7	000·1	999·4	990·6	027·7	020·9	031·1	021·2	009·2	998·
14	999·8	989·2	018·8	015·9	022·3	015·6	996·6	986·4	012·1	008·0	021·9	016·0	**017·0**	012·1	004·2	997·8	005·0	998·3	**027·9**	026·4	021·2	018·6	003·4	998·
15	000·0	997·6	027·1	015·3	015·6	012·8	997·0	991·7	011·1	008·6	016·0	012·4	014·6	005·1	001·2	997·9	007·9	991·2	027·6	021·5	024·8	019·8	003·9	996·
16	006·9	999·9	**031·9**	027·1	015·9	010·9	013·5	997·0	015·4	007·1	012·6	009·7	005·1	998·0	000·8	992·7	995·8	991·2	021·5	013·5	030·1	024·8	009·7	995·
17	010·2	006·8	028·2	010·3	016·8	014·0	020·9	013·5	**018·5**	015·4	013·7	009·1	001·3	000·0	992·7	986·0	993·8	987·6	022·8	014·8	029·2	023·5	009·8	005·
18	007·7	986·0	021·9	009·1	014·0	003·7	020·3	015·2	016·3	009·5	009·1	004·1	005·5	001·3	987·9	985·1	011·0	987·6	021·9	007·5	029·6	022·8	005·2	000·
19	986·1	982·9	022·1	019·2	009·2	000·9	024·7	016·6	012·5	008·9	009·4	006·8	008·9	005·4	987·3	**984·0**	010·9	000·3	007·5	993·7	029·5	025·6	016·0	000·
20	008·5	986·1	019·8	017·5	009·1	004·4	024·5	019·3	012·4	010·0	014·0	009·1	015·9	008·9	987·3	986·7	000·3	981·1	011·4	993·5	025·8	020·4	022·4	015·
21	010·6	007·3	024·3	015·7	004·4	000·4	022·5	017·1	010·0	005·4	014·6	013·6	016·8	015·1	990·8	985·8	991·9	**973·1**	017·6	011·4	020·8	004·8	**023·2**	017·
22	008·4	004·2	030·1	024·2	001·1	994·5	017·1	005·4	005·4	000·0	019·4	014·3	015·1	005·6	998·3	990·7	997·2	990·9	022·9	017·5	009·6	005·6	017·8	996·
23	015·3	008·4	030·2	017·0	994·5	984·5	005·4	002·5	000·1	993·8	019·3	012·5	005·6	999·1	002·8	998·2	997·1	988·7	023·1	021·9	006·0	997·1	999·9	987·
24	012·4	004·0	017·0	009·8	991·4	984·8	002·7	992·4	994·0	**991·1**	016·9	012·4	005·3	999·3	011·9	002·5	998·2	989·0	022·2	017·1	997·5	993·8	996·3	993·
25	020·9	012·4	023·0	015·4	994·6	991·2	996·5	992·1	998·3	991·5	018·1	013·3	009·6	005·3	013·0	009·6	010·6	998·2	017·1	004·6	000·2	997·4	006·1	989·
26	020·9	007·1	024·9	021·8	000·7	994·6	995·9	987·1	003·8	998·3	013·4	005·3	013·9	009·5	010·3	005·6	017·2	010·6	004·8	002·9	997·9	989·3	005·4	979·
27	024·3	009·5	021·8	012·8	006·3	000·4	988·6	**985·5**	010·9	000·3	011·3	002·8	013·5	008·5	009·8	006·0	019·4	016·4	003·1	997·2	989·3	**974·6**	979·8	**961·**
28	**026·9**	019·9	017·9	997·4	011·2	006·3	994·4	988·2	016·5	010·9	011·1	996·5	008·5	001·6	009·3	998·3	019·0	001·8	001·4	997·2	998·7	985·3	985·5	972·
29	019·9	017·1	997·4	**963·8**	020·5	011·2	997·9	994·4	016·2	009·3	997·5	**993·1**	004·3	000·6	998·3	996·2	002·5	987·2	001·3	985·2	998·6	994·6	995·8	979·
30	018·1	014·8	—	—	024·2	020·5	003·1	997·4	012·8	007·8	007·1	997·5	004·3	001·7	000·1	997·6	998·5	987·8	985·6	982·3	997·5	992·1	985·3	978·
31	017·6	009·5	—	—	**026·5**	023·3	—	—	013·4	012·3	—	—	003·6	001·1	999·7	997·0	—	—	985·9	984·6	—	—	984·9	981·
Mean	1009 ·65	1001 ·85	1016 ·11	1006 ·93	1010 ·36	1004 ·59	1009 ·23	1003 ·09	1009 ·37	1003 ·84	1012 ·82	1007 ·32	1007 ·94	1001 ·80	1004 ·76	999 ·14	1006 ·87	996 ·50	1009 ·90	1002 ·18	1015 ·31	1007 ·12	1005 ·80	996 ·0

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1012·3 mb. is written 012·3. This rule does not, however, apply to monthly means.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

28. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above the ground) = 12·5 metres. **January, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	82·3	82·5	82·3	83·0	82·5	82·4	82·0	82·8	81·7	81·4	82·4	83·1	83·6	83·4	82·4	81·0	79·6	78·9	78·0	76·4	75·7	75·9	76·9	77·6	80·8
2	77·8	77·9	78·2	79·2	79·6	79·4	79·4	78·8	78·1	78·3	79·4	80·0	80·1	80·1	80·0	79·2	79·1	78·7	77·9	77·4	76·6	76·2	76·2	77·3	78·5
3	77·0	76·7	76·6	76·4	75·8	75·4	75·2	76·0	75·4	75·5	76·3	77·0	77·5	77·5	77·0	75·9	75·4	75·0	74·6	73·7	73·1	73·1	72·6	72·5	75·6
4	72·2	72·1	72·7	72·9	73·7	73·8	74·0	73·7	74·8	75·3	75·9	76·4	76·6	76·6	77·1	77·3	77·1	77·1	77·7	78·4	78·3	78·3	79·5	79·4	75·7
5	79·5	78·9	78·2	78·0	77·8	78·1	78·4	78·9	79·1	79·5	79·6	79·9	80·0	80·1	80·0	80·0	79·6	79·7	80·0	80·7	80·2	79·8	79·9	79·8	79·4
6	79·8	79·6	79·1	79·0	79·0	79·0	79·3	79·0	78·9	79·0	78·9	79·0	79·0	78·7	78·6	77·8	77·4	77·3	77·4	77·1	76·6	76·6	76·9	76·6	78·4
7	76·9	77·0	77·1	77·2	77·8	77·9	78·1	78·0	77·8	77·9	78·0	78·2	78·6	78·5	78·5	78·4	78·5	78·2	78·3	78·3	78·3	78·3	78·1	78·1	78·0
8	78·2	78·1	78·1	77·9	76·6	76·8	76·6	76·5	76·3	76·4	76·6	76·7	76·4	76·5	76·0	75·7	75·4	75·4	75·1	75·2	74·7	74·2	73·8	73·1	76·2
9	71·4	71·6	72·3	71·0	72·0	71·7	72·3	71·9	72·0	71·6	72·1	71·7	71·3	70·9	70·8	70·8	71·8	70·8	72·0	71·5	71·9	72·6	72·4	72·5	**71·7**
10	72·9	72·9	73·1	73·2	73·4	73·7	73·9	74·0	74·1	74·3	74·3	73·2	74·3	74·4	75·0	74·4	74·0	73·6	72·9	72·7	72·5	73·0	73·0	73·1	73·6
11	72·6	72·0	72·2	71·2	70·8	70·0	69·4	69·6	68·5	69·2	69·2	70·0	71·6	73·0	73·2	73·6	73·5	74·2	73·3	73·2	73·0	72·9	73·4	76·7	71·9
12	76·9	76·0	77·1	77·9	76·6	75·9	75·8	75·7	75·7	75·9	76·1	76·3	76·7	76·6	76·9	76·4	76·6	76·6	76·3	76·6	76·9	77·5	77·1	76·9	76·5
13	76·4	76·0	75·4	75·3	75·4	75·0	74·9	74·6	74·7	74·7	77·6	78·2	78·7	79·3	79·7	79·9	79·9	80·0	79·7	78·2	77·0	76·9	76·2	75·9	77·1
14	75·3	75·1	74·8	74·9	74·2	74·6	74·4	74·8	74·4	74·4	74·9	75·5	75·6	76·0	76·1	75·0	74·5	73·4	73·3	74·1	75·3	76·2	77·0	77·1	75·0
15	77·7	77·7	77·5	77·4	77·4	77·1	78·0	78·6	78·9	78·9	79·1	79·1	79·3	79·2	79·2	79·0	79·0	79·4	79·2	79·2	79·4	79·2	79·0	79·3	78·6
16	79·0	79·0	79·0	78·8	79·0	79·1	78·9	78·9	78·8	78·6	78·5	78·4	78·5	78·4	78·4	78·2	78·3	78·1	78·1	77·8	77·6	77·5	77·1	77·0	78·4
17	76·8	76·6	76·6	76·4	76·0	76·0	75·7	75·7	75·8	75·7	75·6	76·1	75·9	76·0	75·9	75·6	75·2	75·5	75·7	75·9	75·9	75·7	75·6	75·8	75·9
18	75·8	74·8	75·4	75·9	76·1	76·2	76·2	75·9	75·4	75·0	75·0	75·6	76·1	76·7	77·1	77·0	76·9	76·9	77·0	77·4	77·6	77·7	77·7	77·2	76·3
19	77·3	77·6	77·5	77·7	78·0	77·6	77·6	77·6	77·9	77·9	78·2	78·6	79·2	79·2	78·3	78·0	77·7	77·4	77·1	76·5	76·0	76·2	75·5	74·4	77·5
20	74·2	74·0	74·0	75·9	76·1	76·0	76·6	76·8	76·7	77·3	78·1	78·8	79·1	79·0	78·7	77·9	77·6	77·3	76·0	75·8	76·5	76·9	76·0	75·2	76·7
21	74·3	74·2	74·4	74·1	73·7	73·3	72·4	73·6	74·9	75·9	76·9	78·1	78·4	78·5	78·4	78·4	78·6	78·6	78·7	78·9	78·9	78·9	78·9	79·0	76·6
22	79·0	79·0	79·0	79·1	79·1	79·2	79·2	79·3	79·3	79·3	79·3	79·3	79·3	79·2	79·3	79·3	79·3	79·3	79·3	79·2	79·1	79·1	79·0	78·9	79·2
23	78·9	78·9	79·0	79·0	79·0	79·0	79·0	78·9	78·9	78·8	78·7	78·6	78·5	78·5	78·5	78·5	78·5	78·5	78·6	78·6	78·4	78·3	78·0	78·0	78·7
24	78·1	78·2	78·2	78·2	78·5	78·6	78·6	78·8	79·0	79·1	79·6	79·8	80·0	81·0	81·0	80·4	79·9	79·6	79·0	77·9	77·5	77·2	76·1	75·8	78·8
25	76·1	75·8	75·7	76·0	75·7	76·1	76·1	75·5	76·1	77·2	76·9	77·3	78·8	79·0	79·0	79·4	79·4	81·0	79·8	80·2	81·1	81·2	81·2	81·1	78·0
26	81·0	81·1	81·2	81·0	81·0	80·7	80·4	80·2	79·9	80·3	80·6	80·9	81·3	81·7	81·6	81·6	81·5	81·6	81·7	82·6	82·1	82·5	77·9	76·9	81·0
27	76·9	77·7	77·0	77·1	76·6	76·6	76·5	76·6	76·8	77·5	77·7	78·6	78·7	79·0	78·7	79·0	78·4	78·2	78·5	78·3	78·4	79·0	79·1	79·4	77·9
28	79·4	79·4	79·3	79·6	79·5	79·4	78·8	79·0	79·4	79·4	79·6	80·1	80·1	80·2	80·3	79·7	79·1	79·0	78·9	79·0	78·7	78·6	78·6	78·6	79·3
29	78·6	79·2	79·0	79·4	79·6	80·0	82·4	80·8	81·8	82·8	83·5	84·3	84·0	84·4	83·9	83·7	83·0	81·7	82·0	81·5	80·0	79·0	78·4	77·8	**81·3**
30	77·2	77·1	77·1	77·0	76·0	76·4	76·3	77·7	78·1	78·1	78·7	79·0	79·9	79·7	79·8	78·3	78·9	78·4	78·6	78·1	78·3	78·2	77·7	78·0	78·0
31	78·8	78·8	78·6	79·0	79·7	79·7	79·3	79·3	79·6	79·6	80·2	80·4	80·6	81·0	82·0	81·5	80·7	80·0	79·8	78·0	76·9	76·4	76·1	75·6	79·3
Mean ...	77·0	77·0	77·0	77·1	77·0	76·9	77·0	77·0	77·1	77·3	77·7	78·0	78·3	**78·5**	78·4	78·1	77·9	77·7	77·6	77·4	77·2	77·2	76·9	**76·9**	77·4

29. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **February, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	76·1	75·1	75·2	75·0	75·0	75·6	74·4	76·0	75·8	76·0	77·0	79·0	79·8	80·2	79·8	79·5	79·3	78·3	78·6	78·6	78·4	79·0	79·6	79·4	77·5
2	80·6	81·5	81·8	82·4	83·1	83·1	83·1	82·7	82·7	83·3	83·6	83·9	84·0	83·8	83·5	83·0	82·2	81·7	82·0	82·3	82·4	82·9	82·5	82·4	**82·6**
3	82·3	82·0	81·9	81·7	81·6	81·6	81·4	81·2	80·4	80·9	81·7	82·1	82·5	82·2	81·9	81·8	81·6	81·9	82·2	82·5	82·7	82·2	82·1	81·6	81·9
4	80·8	80·3	79·8	79·8	79·6	79·2	79·6	79·6	79·8	80·4	81·0	81·2	82·1	82·1	82·5	83·0	83·0	83·0	83·1	82·9	82·8	82·5	82·4	83·0	81·4
5	83·6	83·0	82·5	82·4	82·5	83·3	83·5	83·2	82·9	80·2	77·7	79·0	78·8	78·5	78·5	78·1	78·0	77·8	76·9	77·1	76·5	76·6	76·4	76·4	79·9
6	75·9	76·4	76·6	76·6	76·6	76·0	75·6	75·4	75·4	75·5	75·7	76·3	76·8	76·9	76·9	76·8	76·8	77·2	79·5	80·1	79·9	79·6	79·0	78·3	77·0
7	78·7	79·4	78·8	78·5	78·2	77·4	77·3	77·8	77·6	78·7	79·5	80·2	80·6	80·9	80·9	80·8	80·2	80·0	79·5	79·3	78·7	78·8	78·8	78·8	79·1
8	78·8	78·5	78·3	78·2	78·3	78·2	78·2	78·2	78·3	78·6	78·6	78·6	78·5	78·2	78·1	77·6	77·5	77·6	77·8	77·9	77·8	78·1	78·2	78·4	78·2
9	78·6	78·5	78·6	78·6	78·5	78·5	78·5	78·4	78·1	78·2	78·2	78·1	77·9	77·6	77·6	77·5	77·4	77·4	77·5	77·4	77·4	77·1	77·2	77·3	77·9
10	77·3	77·1	78·1	78·0	77·2	77·1	77·2	77·7	77·3	77·6	78·3	78·6	78·6	78·5	78·1	77·6	77·2	76·9	76·8	76·6	76·5	76·4	76·4	76·2	77·4
11	76·3	76·2	76·0	75·3	75·9	75·9	75·8	75·9	75·6	75·5	75·5	75·5	75·5	75·4	75·4	75·4	75·0	75·0	74·9	74·9	75·0	74·9	74·8	74·8	75·5
12	74·8	74·8	74·9	75·0	74·4	74·5	74·3	74·8	74·6	74·4	74·5	74·4	74·6	74·6	74·6	74·8	74·8	74·8	75·0	75·0	75·1	75·3	75·3	75·2	74·8
13	75·0	75·0	74·8	74·7	74·5	74·4	74·5	74·5	74·4	74·5	74·5	74·4	74·5	74·4	74·4	74·4	74·0	74·3	74·2	73·9	74·2	74·2	74·1	74·3	74·4
14	74·3	74·3	74·3	74·0	74·1	73·7	73·6	72·9	72·5	72·8	73·0	73·1	73·5	73·9	74·3	74·4	73·7	73·3	73·7	74·1	73·8	74·3	74·4	74·5	73·8
15	75·5	75·6	75·9	75·0	74·8	74·4	74·3	74·2	75·1	75·2	76·2	76·4	76·9	77·4	75·8	75·2	75·5	75·5	75·5	75·9	76·2	76·6	76·2	76·3	75·6
16	76·6	76·5	75·6	75·7	75·8	75·5	75·5	75·6	75·7	76·2	76·9	77·6	77·8	78·2	77·9	77·5	76·8	76·2	76·0	76·0	75·7	76·1	76·1	76·2	76·4
17	75·9	76·1	76·8	77·0	77·2	77·2	77·2	77·1	77·3	77·9	78·1	79·3	80·4	81·3	80·6	80·4	79·5	79·2	79·6	78·7	78·6	78·6	78·6	78·6	78·3
18	78·5	79·1	80·3	80·0	79·3	77·9	77·4	76·3	76·4	76·4	76·4	75·6	76·0	75·5	75·7	75·4	75·1	74·5	75·0	75·0	74·8	74·9	74·6	74·8	76·5
19	74·7	74·6	74·6	74·8	74·7	74·2	74·2	74·2	74·4	74·5	75·1	75·3	75·8	76·2	76·6	76·4	76·5	76·5	76·6	76·6	76·9	77·3	77·8	78·6	75·6
20	78·3	77·9	76·7	78·1	78·3	79·2	78·9	78·8	79·0	79·6	80·3	81·0	81·2	81·4	81·2	81·3	80·8	80·5	79·9	79·7	79·7	79·6	79·5	80·2	79·6
21	80·3	80·3	79·3	80·2	80·6	80·2	80·4	79·8	80·3	80·3	78·9	79·3	78·8	78·0	78·1	77·4	77·0	76·4	76·4	76·3	76·7	76·8	76·6	76·2	78·6
22	76·0	76·0	76·0	76·2	76·0	75·4	75·4	75·5	75·6	75·6	75·9	76·0	76·2	76·6	76·4	76·4	76·2	76·0	75·8	75·7	75·4	75·5	75·5	75·7	75·9
23	75·2	75·1	75·0	74·9	74·9	74·8	74·9	76·0	76·4	78·0	79·1	79·4	80·0	80·6	80·6	80·9	80·8	80·4	80·5	80·4	80·1	80·4	80·2	79·9	80·4
24	80·0	80·4	78·3	78·7	77·8	77·1	76·9	76·9	77·3	77·8	77·7	78·3	78·0	78·6	78·1	78·1	77·5	77·2	77·0	76·2	76·5	76·8	77·0	76·3	77·8
25	76·3	76·3	76·6	76·4	75·8	75·9	76·3	76·4	76·4	76·5	77·3	77·5	77·6	77·6	77·5	77·1	76·9	76·4	75·1	74·9	75·0	74·7	75·2	75·2	76·3
26	74·7	74·7	75·2	74·9	74·9	74·5	74·6	75·2	75·6	75·7	76·4	76·6	77·5	77·6	77·5	77·2	76·9	76·4	75·9	75·5	75·7	76·0	75·9	75·9	75·9
27	75·8	75·5	75·4	76·0	75·7	76·4	77·7	78·0	78·2	77·9	79·1	79·3	76·6	75·4	76·3	76·1	75·0	74·6	73·6	72·4	72·2	72·2	71·6	71·6	75·6
28	71·5	70·4	71·2	70·9	71·0	70·6	70·6	70·6	70·6	71·1	71·6	72·6	73·0	73·2	73·6	73·9	73·7	73·6	73·7	73·9	74·2	74·6	75·5	75·1	**72·5**
29	75·0	74·9	75·0	76·3	76·8	75·1	75·0	73·0	73·5	73·5	72·8	72·9	73·5	73·0	72·0	72·1	72·6	71·6	73·0	72·9	72·9	71·5	71·5	72·2	73·5
Mean ...	77·2	77·1	77·0	77·1	77·0	76·8	76·8	**76·8**	76·8	77·0	77·3	77·6	77·8	**77·9**	77·7	77·6	77·3	77·0	77·1	77·0	77·0	77·0	77·0	77·0	77·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

30. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **March, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	73·0	74·0	74·4	74·2	74·6	74·0	74·2	74·0	74·4	73·7	73·7	74·2	73·4	72·4	72·5	72·5	72·6	72·6	72·5	72·8	72·7	72·8	72·6	72·8	73·3
2	72·7	72·9	72·8	72·6	72·3	71·8	71·7	72·0	72·4	72·5	73·5	74·0	75·0	75·2	75·0	74·6	74·4	73·7	72·8	72·3	71·9	71·3	70·6	69·8	72·9
3	69·5	69·1	68·5	68·4	68·0	67·4	67·6	67·9	69·1	71·9	73·4	74·9	75·7	75·9	76·0	76·0	75·5	74·3	73·3	72·8	72·8	72·3	71·9	71·4	**71·8**
4	71·4	71·1	71·1	70·5	70·4	70·9	70·6	70·5	71·9	73·0	74·1	75·4	76·0	75·9	75·7	75·2	74·6	74·6	74·5	74·1	74·3	73·5	73·4	73·4	73·1
5	73·6	73·6	73·3	73·2	73·1	72·9	72·9	73·0	73·9	74·5	75·0	75·0	75·6	75·6	76·2	75·6	75·5	74·8	73·0	72·6	72·0	71·4	71·4	71·2	73·7
6	70·7	69·6	69·5	69·5	69·0	68·4	68·4	69·1	70·8	72·1	73·8	74·8	75·4	75·8	76·0	75·6	75·4	75·5	75·6	76·0	76·0	75·6	75·0	75·0	72·9
7	74·8	74·6	74·4	74·6	74·7	75·4	75·9	76·2	76·6	77·3	78·0	78·6	78·8	79·0	79·3	79·0	78·6	78·0	77·5	77·4	77·4	77·0	77·1	77·1	76·9
8	77·3	77·5	77·3	77·0	76·8	77·3	77·3	77·6	77·8	78·5	78·9	79·8	81·1	80·9	80·9	80·3	79·6	78·7	78·0	77·6	77·3	76·5	76·4	76·0	78·2
9	75·6	75·1	74·8	74·6	75·0	75·4	76·0	76·4	76·8	77·5	79·0	79·6	80·0	79·8	80·8	81·0	80·9	79·8	78·9	78·5	78·5	77·9	78·1	78·1	77·8
10	78·0	77·9	77·6	77·0	76·7	76·6	76·6	77·2	78·6	78·6	78·4	78·7	78·7	78·7	78·6	78·4	78·3	78·3	78·1	78·0	77·5	77·3	77·1	77·0	77·9
11	77·0	77·0	77·1	77·4	76·9	77·0	77·2	77·5	77·8	78·3	78·2	78·7	79·2	79·4	79·2	79·0	78·7	78·2	77·9	77·7	77·4	77·3	77·3	77·4	77·9
12	77·4	77·5	77·4	77·2	76·8	77·0	77·1	77·3	77·8	78·5	79·0	79·6	80·1	80·2	80·0	79·5	78·6	78·2	77·8	77·6	77·4	77·2	77·2	77·1	78·1
13	77·3	76·9	76·6	76·0	75·9	75·9	75·8	76·7	77·6	78·4	78·8	79·1	79·2	79·2	79·3	79·3	78·6	77·8	77·4	77·3	76·9	77·1	77·3	77·2	77·6
14	77·2	76·7	77·1	76·5	76·6	76·5	76·4	77·1	78·1	79·3	80·6	81·3	81·5	82·9	83·9	83·5	82·4	81·8	81·7	81·2	81·0	81·0	80·4	80·6	**79·7**
15	80·0	80·2	80·0	79·2	78·4	78·0	78·7	79·1	79·2	79·5	79·7	80·0	80·9	80·8	80·6	80·1	80·2	79·1	78·2	77·8	77·3	77·7	77·5	77·9	79·2
16	77·9	77·6	77·1	76·3	76·4	75·0	74·5	74·5	75·5	74·6	77·2	77·0	77·6	78·2	77·6	77·1	76·1	76·2	75·7	75·0	74·6	74·8	74·1	74·4	76·1
17	74·0	73·7	73·7	73·8	73·4	73·3	73·3	73·4	73·7	75·4	75·8	75·7	76·6	76·3	74·7	73·4	74·0	74·1	73·9	73·3	73·1	73·1	73·5	73·1	74·1
18	73·4	73·8	74·1	74·8	73·9	73·6	73·5	73·8	74·2	74·9	75·6	76·1	76·5	77·0	77·0	76·5	75·6	74·4	74·4	74·4	74·6	74·9	75·4	76·1	74·9
19	76·2	76·4	76·4	76·2	76·2	75·9	75·6	75·1	75·9	76·2	75·8	76·2	76·2	75·9	75·5	75·0	74·8	74·1	73·6	73·0	72·5	72·0	71·4	70·9	75·0
20	70·2	70·4	70·0	70·0	70·2	70·7	71·8	72·9	74·3	75·1	76·2	76·5	76·4	76·4	76·8	76·7	76·2	75·9	75·6	75·6	75·5	75·2	75·0	74·6	74·0
21	74·3	74·0	73·7	73·6	73·4	73·4	73·7	74·3	75·0	75·4	75·9	76·5	77·0	77·1	77·0	76·6	76·5	76·0	75·5	75·0	74·5	74·3	74·0	74·9	75·1
22	75·7	75·4	75·4	75·6	75·6	75·8	75·7	74·7	75·0	74·7	75·3	75·9	75·8	75·8	76·1	76·2	76·3	76·2	76·1	76·1	76·3	76·4	76·6	75·9	75·8
23	75·6	75·4	75·6	75·5	75·5	76·0	77·0	77·1	77·4	77·4	77·4	77·4	77·4	77·5	77·6	77·6	77·6	77·6	77·5	77·6	77·9	78·0	78·0	77·9	77·0
24	77·8	77·5	77·3	77·1	77·0	77·0	76·9	76·8	77·0	77·0	77·2	77·6	77·5	77·5	77·6	77·4	77·2	77·2	77·0	76·9	76·8	76·9	76·6	76·4	77·2
25	76·4	76·6	76·4	76·4	76·4	76·6	76·6	76·5	76·6	76·9	77·1	77·1	77·2	76·9	76·8	76·9	76·5	76·5	76·3	76·3	76·0	76·0	76·1	76·1	76·6
26	76·0	76·0	76·0	76·0	76·0	75·8	75·9	76·2	76·3	76·4	76·4	76·5	76·4	76·6	76·7	76·6	76·4	76·3	76·2	76·0	75·5	75·6	75·7	75·7	76·1
27	75·7	75·6	75·6	75·4	75·5	75·5	75·5	76·1	76·4	78·1	78·2	77·9	78·7	79·2	79·1	78·8	77·8	77·6	77·2	76·8	76·6	76·6	76·2	76·1	76·9
28	75·8	75·6	75·6	75·5	75·6	75·3	75·2	75·4	75·7	76·3	77·2	77·4	77·4	77·2	78·1	77·7	76·8	76·5	75·9	74·1	74·0	73·8	73·6	73·5	75·9
29	73·2	72·9	73·5	73·6	73·9	73·9	74·3	75·4	76·5	77·7	77·0	78·1	78·8	78·4	78·2	78·0	77·6	77·4	76·9	76·6	76·2	75·9	75·7	75·6	76·0
30	75·6	75·7	75·0	75·1	75·3	75·3	75·2	75·8	76·4	76·9	77·2	77·6	78·4	79·0	78·8	78·4	77·6	77·3	77·2	76·5	75·5	74·0	73·4	73·1	76·3
31	73·0	72·5	72·3	72·6	73·2	73·6	74·7	75·3	76·0	77·5	78·6	79·1	78·3	79·0	79·3	80·0	79·4	78·8	77·9	77·4	77·3	77·1	76·6	75·7	76·4
Mean ...	75·0	74·9	74·8	74·7	74·6	**74·6**	74·7	75·0	75·6	76·3	76·8	77·3	77·6	77·7	**77·8**	77·5	77·1	76·7	76·3	75·9	75·7	75·5	75·3	75·2	75·9

31. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **April, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1.	75·7	76·5	75·6	75·8	76·3	76·2	76·6	77·2	78·0	78·1	78·2	78·5	78·5	78·5	78·5	78·0	77·6	77·2	76·4	76·1	75·0	73·7	73·2	73·3	76·7
2	73·2	73·2	73·1	73·4	72·9	72·7	73·2	74·1	75·9	77·6	78·1	78·4	78·6	78·8	78·4	78·2	78·0	77·7	77·4	77·2	77·0	76·9	76·6	76·4	76·1
3	76·0	75·7	75·7	75·6	75·7	75·9	76·2	77·3	78·4	77·8	77·7	78·1	77·6	77·6	77·7	77·4	77·5	77·3	77·0	77·0	76·9	76·4	76·3	76·6	76·9
4	76·8	76·8	77·0	77·0	76·9	77·2	77·6	78·0	79·4	80·0	80·6	80·6	80·8	80·8	81·1	81·9	81·8	81·6	80·8	80·0	79·0	78·6	79·0	79·0	79·2
5	79·0	78·9	78·9	78·6	78·4	78·2	78·7	79·8	81·0	82·0	82·2	83·2	83·1	83·4	81·1	81·6	81·0	81·1	81·0	80·0	80·0	78·7	78·2	78·7	80·3
6	78·4	78·2	78·5	78·2	78·2	78·3	78·9	79·6	80·1	80·5	81·4	82·1	82·3	82·5	83·5	83·6	82·5	82·1	81·2	80·6	80·6	80·9	80·4	80·5	80·5
7	81·1	81·5	81·4	81·3	81·0	80·0	79·6	80·1	81·0	82·3	85·3	85·2	85·4	85·6	85·3	84·2	83·5	82·4	80·9	80·2	79·2	78·8	78·6	76·8	81·8
8	76·1	75·6	75·6	75·1	75·3	76·1	77·1	78·4	78·5	78·7	79·3	78·4	80·1	79·5	80·0	79·8	78·2	77·9	76·9	76·0	75·5	74·9	74·0	74·2	77·2
9	74·5	74·0	73·7	73·4	73·0	72·7	73·3	74·1	76·3	78·1	78·4	77·8	78·4	78·1	77·5	78·0	77·8	75·3	75·8	76·4	76·3	76·5	74·2	76·0	75·8
10	76·1	76·0	76·0	76·0	76·1	76·2	76·4	76·6	77·2	77·2	77·4	77·3	77·5	77·1	77·3	76·8	76·9	77·2	76·2	75·8	75·8	75·8	75·6	75·0	76·5
11	74·3	74·2	73·6	73·1	73·1	74·0	75·2	76·4	76·9	77·7	77·7	77·7	77·4	77·6	76·2	78·0	76·8	76·4	75·9	75·8	75·4	75·5	75·1	74·6	75·8
12	74·4	74·1	74·4	74·0	73·6	73·1	73·6	74·6	75·8	76·3	76·6	74·6	75·7	75·8	75·9	76·2	75·8	75·3	74·8	74·9	74·5	74·7	74·4	74·0	**74·9**
13	73·9	73·1	72·9	72·8	72·8	72·7	74·2	75·0	77·9	78·7	78·9	79·8	79·4	79·3	79·0	78·6	78·5	78·1	77·8	77·5	77·4	77·4	77·3	76·6	76·6
14	75·5	76·3	75·7	76·3	76·0	76·4	76·7	76·7	76·3	76·4	76·7	77·0	76·4	77·4	78·2	79·1	79·6	79·6	78·0	76·7	76·0	75·6	75·5	75·6	76·8
15	75·1	75·3	74·4	74·2	74·3	75·0	75·8	76·8	77·7	79·7	80·6	81·1	81·6	82·1	82·4	81·6	81·8	81·0	80·0	78·9	78·1	77·6	76·8	77·6	78·3
16	77·6	77·5	77·1	76·8	76·6	76·9	79·1	79·3	79·6	80·3	81·2	80·7	81·6	80·1	80·4	80·8	79·0	79·6	77·4	76·4	76·5	76·2	75·8	75·4	78·5
17	75·1	75·1	74·6	74·3	74·5	75·2	76·6	77·5	78·3	78·8	79·4	80·1	80·6	81·4	80·9	80·4	80·1	80·2	78·7	77·8	77·5	77·1	77·0	76·8	77·8
18	76·6	77·1	77·4	77·3	76·9	78·0	79·8	80·9	81·4	83·0	83·5	83·8	84·0	84·3	85·3	84·9	84·3	83·9	83·7	82·9	83·6	83·3	82·8	82·4	81·6
19	82·4	82·5	82·2	81·3	81·0	81·2	82·4	84·0	84·9	85·2	85·7	85·7	83·9	83·9	84·0	83·6	83·2	83·1	81·8	81·6	83·7	83·5	84·2	84·0	83·3
20	83·2	83·1	83·2	83·6	84·2	84·0	84·7	86·0	87·6	88·2	88·7	90·0	90·9	90·4	89·4	90·2	89·4	88·9	87·9	87·1	86·6	86·2	85·6	85·1	**86·8**
21	85·1	83·7	83·2	82·0	80·0	79·7	79·5	79·0	79·0	79·2	80·0	80·4	80·7	80·3	80·4	80·3	80·1	79·1	78·6	77·9	77·6	77·6	76·9	76·2	80·0
22	75·6	75·3	75·1	75·0	75·1	75·6	76·9	76·9	77·3	74·5	76·7	77·5	75·8	77·9	77·2	77·2	77·8	78·0	77·3	76·9	75·9	75·3	75·9	75·4	76·4
23	75·1	75·0	75·5	75·0	75·0	76·5	77·3	78·1	79·9	80·4	80·9	81·0	80·9	81·0	81·2	80·2	79·6	79·7	79·6	78·9	78·3	77·7	76·1	75·3	78·3
24	74·6	74·0	73·7	73·8	73·6	74·3	75·3	76·4	78·1	78·5	79·0	78·6	78·4	78·0	77·9	77·6	77·8	78·1	78·3	78·6	79·0	79·5	79·8	80·0	77·1
25	80·4	80·6	80·7	80·0	80·7	81·4	82·0	83·4	82·1	83·4	83·0	85·2	84·7	84·8	84·3	83·7	83·0	82·1	81·6	80·9	80·6	80·4	80·4	80·6	82·1
26	80·5	80·6	80·3	80·3	80·4	80·9	81·2	81·7	81·9	82·4	82·2	82·3	82·2	82·6	81·7	81·4	80·9	80·7	80·4	80·4	80·1	80·2	80·2	79·8	81·1
27	79·9	79·7	79·6	79·4	79·3	79·7	82·9	83·0	83·5	83·9	83·9	84·6	84·0	83·7	82·4	83·2	82·7	84·5	81·8	80·4	79·9	79·4	79·0	79·0	81·7
28	78·4	77·7	77·4	77·7	78·1	78·6	79·7	80·3	81·3	81·2	81·6	80·7	81·0	81·1	81·1	81·0	80·9	80·3	79·4	79·2	78·9	78·9	78·8	78·2	79·7
29	78·1	78·2	77·9	77·9	77·7	77·9	79·1	79·4	79·9	80·0	80·3	80·4	80·5	80·6	80·5	80·4	80·4	80·1	79·5	79·1	79·0	78·9	78·8	78·7	79·3
30	78·7	78·7	78·8	78·7	78·7	78·6	78·9	78·9	78·8	78·6	78·4	78·7	78·7	78·9	79·2	79·2	79·0	79·0	78·9	78·8	78·7	78·7	78·6	78·6	78·8
Mean ...	77·4	77·3	77·1	76·9	**76·8**	77·1	77·9	78·7	79·5	80·0	80·5	80·7	80·7	**80·8**	80·6	80·6	80·2	79·9	79·2	78·7	78·4	78·2	77·8	77·7	78·9
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

32. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	78·6	78·4	78·5	78·5	78·4	78·6	78·9	79·2	79·4	79·5	79·9	80·3	80·4	80·6	80·6	81·6	80·6	80·3	79·7	79·0	78·8	78·4	78·0	77·6	79·3
2	77·6	77·8	78·1	77·9	77·6	78·2	79·0	79·6	79·8	79·6	79·8	79·2	78·7	78·8	78·2	78·0	77·7	77·9	77·9	78·1	78·5	78·5	78·6	78·5	78·5
3	78·4	78·3	77·4	76·6	76·5	76·7	77·1	77·2	77·7	78·4	78·4	78·3	77·3	76·6	76·1	76·1	76·6	77·0	76·8	76·1	75·3	74·4	74·4	73·8	76·8
4	73·7	73·4	73·4	73·1	73·7	75·0	76·0	76·7	77·5	78·2	79·0	78·6	78·6	78·9	79·5	79·4	79·4	78·9	77·8	77·6	77·4	77·4	77·4	77·3	76·9
5	76·6	75·2	75·1	75·4	75·6	75·9	76·2	76·1	76·2	76·5	76·4	76·6	76·9	76·9	77·2	77·2	77·1	77·1	77·1	76·8	76·8	77·2	77·2	76·9	**76·5**
6	76·0	74·7	74·1	73·1	73·5	74·4	78·0	78·3	78·7	78·5	79·0	79·2	79·1	79·2	79·3	78·9	78·9	78·6	78·4	78·2	78·2	78·0	78·0	77·9	77·5
7	78·1	78·1	78·2	78·2	78·2	78·0	77·6	77·2	76·6	76·8	77·5	78·2	78·9	79·2	79·1	79·2	79·1	79·0	79·1	79·0	78·8	78·7	78·7	78·7	78·3
8	78·0	77·8	77·6	77·4	77·4	77·4	77·5	77·3	77·2	77·3	77·7	77·7	77·7	77·7	77·8	77·7	77·9	78·1	77·7	78·0	78·4	78·1	78·0	77·7	77·7
9	77·4	76·7	76·6	76·6	76·7	77·7	78·1	78·8	79·6	80·0	80·0	79·7	79·8	79·5	79·9	79·9	79·5	79·2	79·1	79·0	78·8	78·8	78·8	78·6	78·7
10	78·7	78·6	78·7	78·7	79·0	79·3	80·0	80·1	80·5	80·5	80·7	81·4	81·9	82·6	84·4	85·3	84·0	83·6	83·9	83·6	83·0	82·7	82·4	82·0	81·4
11	81·4	81·6	81·0	80·2	80·0	80·6	80·7	81·2	82·0	82·2	82·3	84·4	82·5	82·6	83·1	82·9	83·1	83·2	82·3	82·3	81·4	81·2	80·9	80·3	81·8
12	79·5	79·1	78·9	78·6	79·7	81·4	82·6	83·9	84·2	84·4	84·0	84·9	84·4	85·1	85·0	84·1	84·7	84·2	83·9	82·1	81·7	81·2	81·1	80·9	82·5
13	80·1	80·0	80·0	80·0	79·9	80·3	80·1	80·0	80·4	80·5	80·3	80·7	81·6	84·5	84·9	86·6	87·6	87·9	87·8	85·7	83·6	82·4	81·7	80·4	82·4
14	80·8	80·6	80·6	80·3	80·8	81·5	81·8	83·0	84·3	85·5	84·9	84·8	85·2	84·2	85·1	83·6	84·4	83·4	83·9	83·5	82·8	82·9	82·4	82·6	83·0
15	82·1	81·5	80·9	80·1	81·3	83·6	84·6	85·5	85·9	86·3	86·9	87·8	87·0	88·4	88·6	89·1	87·9	86·8	85·0	84·4	84·0	83·6	83·1	82·0	84·9
16	81·4	81·2	81·1	81·0	81·0	81·7	82·3	83·5	83·8	82·8	83·1	81·7	82·8	82·6	83·0	83·1	83·0	84·9	83·2	82·6	82·3	81·4	81·0	79·9	82·3
17	79·3	79·0	79·2	79·5	80·3	81·0	82·7	83·2	84·2	85·3	85·4	86·2	85·6	85·2	85·2	85·2	84·0	84·1	84·2	83·9	83·6	83·2	82·7	82·2	83·1
18	81·9	81·3	79·8	78·8	79·5	80·1	82·0	83·6	84·1	83·3	83·3	84·4	84·1	83·9	83·5	83·8	84·0	83·8	83·5	82·8	81·7	81·1	80·4	80 0	82·3
19	80·3	80·4	80·4	80·3	80·6	81·0	81·3	82·0	81·7	81·6	80·9	79·6	79·8	79·8	80·6	80·9	80·3	80·1	79·4	79·7	80·4	80·4	80·2	80·2	80·5
20	79·7	80·0	80·0	80·1	80·2	80·2	80·4	80·2	80·5	80·4	80·9	81·5	81·4	81·2	81·2	81·0	81·2	80·9	80·8	80·7	80·6	80·6	80·5	80·3	80·6
21	80·2	80·1	80·2	80·4	80·4	80·5	80·6	80·7	80·7	80·8	80·9	81·0	81·1	81·1	81·3	81·3	81·1	81·1	81·2	81·6	81·2	81·7	82·0	82·0	80·9
22	81·8	81·8	81·3	81·0	81·0	81·0	81·1	80·9	80·8	81·3	81·9	83·4	88·0	88·2	88·2	88·6	89·1	88·6	86·9	84·3	83·9	84·1	83·4	83·5	83·9
23	83·1	82·7	82·6	82·5	83·0	84·9	86·1	86·8	86·5	86·6	87·0	87·2	87·4	88·3	87·8	87·0	86·0	85·0	84·1	82·7	82·5	82·1	81·8	81·6	84·8
24	81·1	80·7	80·0	79·8	81·0	82·6	83·0	84·1	84·7	85·3	85·9	85·6	85·8	86·0	85·4	85·4	85·3	84·2	82·7	81·9	81·6	81·6	81·4	81·1	83·2
25	81·3	80·8	80·0	78·8	79·4	80·0	80·6	81·6	80·9	81·4	81·1	82·6	81·5	81·3	80·7	80·7	82·6	82·3	82·4	82·1	81·9	81·5	81·3	81·1	81·2
26	80·9	80·4	80·3	80·2	80·4	80·7	81·2	81·5	80·9	80·6	80·2	80·5	81·2	81·6	81·3	80·8	81·5	81·3	81·6	82·0	80·8	80·7	81·5	82·0	81·0
27	81·6	82·4	82·3	82·4	82·6	82·4	82·7	83·4	84·6	86·2	87·0	87·7	88·2	89·2	89·6	89·4	89·7	88·6	87·4	85·9	83·9	83·7	83·4	83·3	**85·3**
28	82·8	82·7	82·5	82·5	82·4	82·1	82·4	82·6	82·7	82·6	82·3	81·4	81·7	81·7	81·5	81·4	80·8	80·9	80·8	80·8	80·8	80·9	80·9	80·9	81·8
29	81·0	81·0	81·0	81·1	81·2	81·6	82·2	82·1	83·0	83·4	83·8	84·0	84·8	85·1	85·0	84·7	84·7	84·8	84·7	83·6	82·5	82·0	81·5	80·9	82·9
30	80·8	80·8	80·9	81·1	81·3	81·6	82·2	82·8	83·3	83·2	82·8	82·6	82·5	82·3	82·0	81·4	81·2	80·9	80·6	80·2	79·9	79·8	79·8	79·8	81·4
31	80·0	80·0	80·0	80·2	80·4	80·5	80·5	80·6	80·9	80·9	81·2	81·2	81·2	81·3	81·2	81·2	81·1	81·1	81·0	80·9	80·9	80·9	80·9	80·7	80·8
Mean ...	79·8	79·6	79·4	**79·2**	79·5	80·0	80·6	81·1	81·4	81·6	81·8	82·0	82·2	82·4	**82·5**	82·4	82·4	82·2	81·8	81·3	80·8	80·6	80·4	80·2	81·0

33. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **June, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	80·7	80·7	80·7	80·7	80·7	80·6	80·4	80·6	80·4	80·7	81·1	80·9	80·8	81·2	81·6	81·1	81·6	81·4	80·6	79·8	79·8	78·6	78·5	77·7	80·5
2	77·8	77·7	77·7	78·1	78·8	79·0	80·6	79·9	80·0	81·7	81·4	83·0	82·4	82·9	83·2	82·8	82·9	82·1	81·6	80·6	80·0	79·1	78·0	78·0	80·4
3	77·4	76·1	76·3	76·6	77·6	79·3	79·4	80·9	81·4	81·9	82·6	82·7	82·8	84·1	82·6	81·8	81·1	80·7	80·6	80·3	79·7	79·6	78·9	77·6	80·1
4	77·1	77·2	77·3	77·6	78·4	79·2	81·0	81·6	81·1	81·7	82·1	82·0	83·6	83·1	82·0	81·7	81·5	81·4	81·7	81·3	80·8	79·9	79·9	79·1	80·5
5	77·8	77·7	77·1	77·4	77·1	79·4	80·9	80·8	81·1	81·5	81·8	81·2	81·3	81·1	81·4	80·8	81·0	80·9	80·7	80·4	80·2	80·1	80·1	80·1	**80·1**
6	80·3	80·4	80·6	80·2	80·2	80·2	80·1	80·3	80·4	80·9	81·3	82·0	82·9	83·0	84·0	83·3	83·8	83·9	83·2	83·7	84·1	83·9	83·7	84·0	82·0
7	83·6	83·6	83·2	83·0	83·5	84·8	87·4	87·1	87·5	87·2	87·5	87·9	87·3	86·7	85·3	84·9	84·3	84·4	84·0	84·1	83·4	83·3	82·7	82·7	85·0
8	82·7	83·2	82·6	82·4	82·3	82·4	82·6	82·6	83·0	82·7	83·4	83·1	82·8	82·7	82·6	82·7	82·7	82·5	82·8	82·8	83·4	83·2	83·4	83·2	82·8
9	83·3	83·4	83·5	83·7	84·2	84·6	84·6	84·9	85·7	85·7	86·1	85·9	86·4	85·5	86·1	85·8	85·2	84·5	84·2	83·3	83·0	82·9	82·6	82·6	84·5
10	82·4	82·1	82·0	81·9	82·1	82·2	82·3	83·1	84·1	85·7	86·5	86·6	87·3	86·6	86·0	85·4	86·6	86·0	85·5	85·1	84·7	84·7	84·6	84·1	84·5
11	83·9	83·9	84·0	83·7	83·2	83·6	84·3	85·6	86·8	87·4	88·0	88·1	87·8	87·4	87·6	86·2	85·6	85·1	83·9	83·1	81·6	82·4	82·2	82·1	84·9
12	81·8	81·9	82·1	82·5	82·7	82·4	82·3	82·2	82·2	82·2	82·1	81·6	81·4	81·4	81·4	81·3	81·2	81·1	81·0	80·9	80·6	80·6	80·5	80·3	81·6
13	80·3	80·2	80·2	80·0	80·2	80·4	80·6	81·0	81·5	82·2	82·4	82·9	83·0	83·6	83·8	83·4	84·0	83·8	83·2	82·1	80·8	79·9	78·6	77·3	81·5
14	77·1	76·4	77·4	78·0	80·5	81·8	83·6	84·0	84·4	84·8	85·4	85·2	85·9	85·4	86·6	86·4	85·5	87·2	86·7	86·6	85·7	85·4	86·1	85·9	83·7
15	85·6	85·3	85·4	85·1	85·6	86·6	87·7	88·8	89·3	90·0	88·7	87·6	85·5	83·6	83·2	83·1	84·0	84·0	83·9	83·6	83·2	82·7	82·8	83·0	85·4
16	82·6	82·6	81·7	81·7	82·3	85·4	86·8	87·2	88·2	87·9	87·6	87·2	86·5	88·7	88·0	88·4	88·9	87·2	86·3	85·2	85·0	84·4	83·4	82·6	85·7
17	82·1	82·9	83·0	82·4	82·6	82·8	83·1	83·2	82·9	83·1	82·3	82·6	83·0	83·6	84·0	83·6	83·3	83·1	83·2	83·3	83·0	82·9	82·8	82·4	83·0
18	82·4	82·5	83·0	83·1	83·2	83·1	84·3	85·1	84·3	85·1	85·9	86·9	87·2	86·8	86·0	85·9	88·6	87·2	86·2	85·6	85·0	84·4	84·3	84·0	85·0
19	82·9	82·4	82·2	81·2	81·6	82·8	83·7	84·3	85·1	83·4	83·6	84·6	85·4	86·2	87·2	85·6	85·8	84·9	84·5	84·4	84·4	84·1	83·4	83·0	84·1
20	82·9	82·5	81·8	81·4	81·6	85·7	87·2	87·8	88·3	88·6	88·8	88·4	88·5	87·9	88·4	88·4	88·9	88·2	87·7	86·4	85·2	84·0	83·9	82·9	86·1
21	81·7	81·4	80·4	80·1	81·8	84·0	86·9	86·5	87·7	87·8	88·7	88·6	88·7	88·2	88·8	88·1	87·2	87·0	86·2	85·7	84·6	83·9	83·0	81·9	85·4
22	81·4	80·5	80·2	80·5	82·0	83·7	84·8	83·6	85·9	86·3	87·1	87·0	86·9	85·7	85·1	85·1	86·2	86·2	83·3	83·4	82·9	83·0	82·8	82·6	84·0
23	82·5	82·3	82·3	82·2	82·4	83·1	83·5	84·0	84·9	85·4	85·6	85·6	86·5	85·6	87·0	86·6	87·3	87·4	86·9	87·2	85·5	87·0	87·1	86·9	85·1
24	86·7	86·2	85·6	85·0	86·0	86·8	86·7	86·4	87·4	88·2	88·8	90·2	90·5	89·4	88·0	88·4	88·7	88·0	88·0	87·6	85·4	85·0	85·9	85·1	87·3
25	84·4	84·0	84·0	85·1	85·4	88·0	88·7	89·6	89·3	90·0	90·6	90·5	91·6	90·5	91·8	90·7	89·0	89·1	87·9	89·4	87·7	89·5	89·1	89·1	88·5
26	89·2	89·7	89·6	89·0	88·9	89·0	89·3	89·6	89·3	90·1	89·9	90·0	91·2	91·4	92·0	91·9	92·1	91·2	90·6	89·5	88·7	88·2	87·8	87·6	**89·9**
27	86·9	87·4	87·0	86·9	85·0	85·6	86·0	85·9	85·9	87·0	86·8	87·2	86·1	87·0	87·6	87·8	87·0	87·4	86·2	85·2	84·9	84·1	83·6	82·8	86·2
28	82·3	81·6	81·7	82·6	82·4	83·4	86·2	86·5	86·7	86·3	85·1	84·6	84·4	84·5	84·0	85·8	87·6	87·2	87·1	86·1	85·9	85·2	85·5	85·0	84·9
29	85·8	85·5	85·3	85·1	84·8	86·1	86·3	88·5	89·9	90·9	91·8	91·0	89·3	89·5	91·2	91·3	91·4	89·8	89·1	88·2	86·8	86·6	83·2	83·3	88·0
30	83·2	83·0	82·5	82·1	82·4	83·3	84·0	84·0	84·6	85·6	86·5	87·0	87·8	87·1	87·0	87·0	89·3	88·4	86·4	85·9	85·3	84·2	83·5	83·1	85·1
Mean ...	82·3	82·1	82·0	**82·0**	82·3	83·3	84·2	84·5	85·0	85·4	85·7	85·7	**85·8**	85·7	85·8	85·5	85·7	85·4	84·8	84·4	83·7	83·4	83·1	82·7	84·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

34. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **July, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	82·5	82·7	82·8	83·3	83·3	83·5	83·7	84·9	85·7	86·3	87·2	87·6	88·9	87·3	86·0	87·2	86·3	85·9	86·1	85·5	85·0	84·9	84·5	84·3	85·2
2	84·7	84·2	83·8	83·9	83·9	84·0	83·7	83·5	84·0	85·1	86·4	87·0	88·1	88·0	87·7	88·1	87·1	86·7	86·7	85·5	85·1	85·1	85·0	85·0	85·5
3	84·8	84·7	84·7	85·0	85·1	84·8	85·2	86·9	86·7	87·9	89·2	89·9	90·7	88·1	89·1	89·2	88·2	87·1	86·2	85·3	84·5	84·3	83·9	84·0	86·5
4	84·1	83·9	82·9	82·8	82·9	82·9	82·9	83·4	84·2	85·3	86·3	87·2	88·7	89·1	90·8	88·5	90·4	89·4	88·6	87·2	86·7	85·9	85·5	84·9	86·0
5	84·2	84·0	83·5	83·4	84·4	85·7	86·8	87·5	87·9	88·1	89·1	88·0	86·1	87·9	88·6	85·9	86·3	86·5	85·7	85·3	85·1	84·6	84·1	83·9	86·0
6	83·7	83·7	83·5	83·4	83·4	83·5	83·7	84·0	84·4	84·6	85·6	86·7	87·7	87·9	88·1	85·1	85·8	84·7	84·3	84·2	84·1	83·9	83·6	83·9	84·7
7	84·1	84·1	84·1	84·2	84·3	84·6	85·5	85·9	86·2	86·7	85·8	87·1	89·9	90·2	90·4	92·2	92·3	90·4	90·8	87·7	87·1	86·3	85·8	85·2	87·1
8	84·7	84·7	84·3	83·5	84·7	86·4	86·6	87·0	87·8	88·4	88·1	88·3	87·4	87·6	87·2	86·0	85·0	85·2	86·1	86·5	86·0	85·1	85·0	84·6	86·1
9	84·0	83·9	83·6	84·0	84·2	85·0	87·0	87·7	88·3	88·0	87·2	86·1	86·9	87·0	88·2	88·0	87·6	87·4	87·6	87·1	86·1	85·6	84·6	84·1	86·2
10	83·9	83·3	82·7	82·4	82·8	84·5	85·7	86·5	87·7	90·6	91·4	91·0	89·4	88·3	87·0	87·3	87·6	87·0	87·3	86·8	87·2	87·2	87·3	86·7	86·7
11	86·3	86·0	86·2	86·6	87·6	89·3	90·3	91·0	91·6	92·0	91·6	93·0	93·0	94·1	95·4	94·2	95·7	95·5	94·7	93·0	91·7	90·6	89·3	88·4	**91·1**
12	87·5	87·0	86·8	86·2	86·8	88·2	89·4	87·9	88·1	88·4	89·4	89·2	90·2	89·1	89·3	89·5	89·6	89·1	88·5	88·0	88·2	86·7	87·1	87·2	88·3
13	86·8	87·8	87·5	87·1	87·4	88·7	89·7	89·8	90·1	90·9	91·7	91·9	92·0	93·3	89·6	86·9	86·5	86·4	86·4	86·4	86·5	86·2	85·2	84·1	88·4
14	83·6	83·4	83·8	84·5	84·7	86·3	86·4	88·1	88·9	89·6	90·0	89·9	91·0	91·2	91·3	91·3	90·6	90·0	89·2	88·7	88·4	88·2	87·6	87·0	88·0
15	86·6	86·5	86·0	86·1	86·3	86·3	87·0	88·0	90·3	89·5	90·9	91·5	91·2	91·6	91·2	91·3	89·7	89·3	88·4	88·3	88·1	87·7	87·5	87·5	88·6
16	87·2	86·6	86·2	85·7	86·2	86·8	87·0	86·6	85·9	87·3	88·6	89·0	90·5	90·7	91·5	92·5	92·6	91·0	90·0	88·9	87·6	86·2	85·5	85·6	88·2
17	85·3	85·1	84·8	84·4	84·3	84·7	87·3	88·5	88·7	90·1	91·0	89·9	88·6	89·9	88·6	87·1	88·0	87·7	88·8	88·0	87·4	87·0	86·6	86·0	87·4
18	85·6	85·1	84·7	84·6	84·7	85·4	86·6	87·8	88·2	88·6	89·3	89·0	86·8	87·5	86·6	86·6	86·7	86·8	88·9	87·2	86·4	85·2	85·4	85·0	86·6
19	84·9	85·0	84·7	84·3	84·9	85·0	87·2	87·6	88·3	88·7	88·6	87·8	86·9	88·0	87·6	86·6	86·5	87·9	87·4	87·4	85·6	84·8	85·0	84·4	86·5
20	83·8	83·0	82·1	81·9	82·6	85·0	86·1	85·9	86·8	87·1	86·3	85·8	86·2	85·8	85·9	85·8	85·4	85·0	84·4	84·4	84·4	84·4	84·4	84·4	84·9
21	84·0	84·0	83·9	83·8	83·8	84·9	85·9	85·6	85·6	85·8	86·2	86·4	86·2	86·1	85·7	85·7	85·2	84·9	84·9	84·6	84·5	84·5	84·6	84·7	85·1
22	84·7	84·7	84·0	84·2	84·6	84·8	85·5	85·8	86·4	86·6	86·7	87·1	87·5	87·9	87·6	87·1	87·1	86·5	86·3	86·1	85·7	85·1	85·0	84·6	85·9
23	84·2	83·9	84·4	84·1	84·7	85·0	87·6	88·5	88·1	89·0	88·6	90·2	91·0	89·1	86·9	88·0	89·4	87·0	86·2	85·7	85·1	84·5	84·4	83·7	86·7
24	83 3	82·8	83·1	83·1	82·9	83·3	84·7	85·5	86·2	86·5	87·1	86·8	84·6	85·4	86·1	85·3	85·0	85·9	85·7	85·0	84·8	84·5	84·3	84·2	84·8
25	84·0	83·6	83·1	83·0	83·2	83·9	85·0	85·8	86·0	85·8	86·0	86·4	85·8	86·4	87·3	86·7	86·1	85·7	85·3	84·9	84·1	83·4	83·0	82·6	84·9
26	82·6	82·7	83·1	83·0	82·6	82·8	83·2	83·7	84·8	84·0	84·4	84·9	85·6	86·4	87·0	87·0	86·5	86·0	85·3	84·9	84·4	84·2	84·0	83·9	**84·5**
27	83·8	83·7	83·6	83·6	83·6	83·8	84·1	84·8	85·7	86·0	85·6	85·3	86·5	86·1	86·1	86·1	85·8	86·2	86·0	85·2	84·8	84·8	84·4	84·7	85·0
28	84·6	84·5	84·4	84·0	84·4	84·6	85·0	85·6	85·4	85·9	86·4	86·3	86·5	86·4	86·3	85·8	85·7	85·4	85·3	85·2	85·1	85·0	85·0	85·0	85·3
29	85·1	85·1	85·1	85·1	85·2	85·1	85·1	85·1	85·1	85·2	85·4	85·7	86·1	86·6	86·8	86·8	86·7	86·4	86·4	85·9	85·7	85·7	85·7	85·6	85·7
30	85·6	85·6	85·6	85·6	85·5	85·5	85·7	85·9	85·9	86·2	86·8	87·3	86·9	86·6	86·9	87·1	87·1	87·0	86·6	86·3	86·2	86·2	86·2	86·0	86·3
31	86·0	85·9	85·8	85·7	84·7	85·8	87·2	87·7	89·7	90·2	91·0	91·8	91·8	92·9	92·5	92·7	92·6	90·0	89·7	89·4	88·7	88·1	87·7	86·6	88·9
Mean ...	84·7	84·6	84·3	**84·3**	84·5	85·2	86·0	86·5	87·1	87·6	88·0	88·2	88·4	**88·5**	88·4	88·0	87·9	87·4	87·2	86·6	86·1	85·7	85·4	85·1	86·5

35. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **August, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	87·2	87·0	86·6	86·2	86·2	87·1	87·6	87·6	87·4	87·1	87·8	86·3	87·4	87·4	87·9	88·3	87·7	86·8	86·7	86·6	86·6	86·3	86·4	86·6	87·0
2	86·4	86·1	86·1	86·4	86·4	86·4	87·1	88·0	88·7	89·7	90·4	89·7	90·6	90·0	89·0	88·2	88·0	87·6	87·2	86·6	85·0	84·1	83·5	83·5	87·3
3	83·6	83·5	82·8	82·6	83·2	85·7	87·3	87·0	88·0	87·9	88·1	88·4	87·6	87·9	88·5	88·4	87·8	86·6	86·1	86·0	85·9	85·9	85·9	85·7	86·2
4	85·8	85·6	85·2	85·0	84·3	85·0	87·7	88·4	89·7	90·3	89·5	90·5	91·4	91·7	91·5	91·4	92·8	91·8	89·8	88·4	88·0	87·4	87·0	86·0	88·5
5	85·4	85·3	85·1	85·2	85·2	85·4	87·3	88·6	87·7	88·8	88·7	88·6	89·0	88·6	88·5	88·6	88·3	88·6	88·2	87·6	86·6	86·6	85·7	85·1	87·2
6	85·2	84·2	84·2	84·5	84·4	85·1	86·0	86·8	88·0	88·3	88·6	89·0	89·0	87·6	88·4	88·6	89·1	89·1	88·1	86·7	85·6	84·4	84·0	83·6	86·6
7	83·4	83·3	82·9	83·6	84·1	85·3	86·1	85·9	86·5	87·0	87·0	86·9	86·5	87·2	86·4	87·4	88·0	87·8	88·0	86·1	84·1	84·3	84·0	84·4	85·7
8	84·8	84·5	84·2	83·7	83·5	85·1	85·8	86·6	87·4	88·6	89·4	89·4	90·0	90·0	89·6	89·9	90·0	90·1	89·6	88·1	87·5	86·5	85·8	84·7	87·3
9	84·0	83·9	83·7	83·7	83·8	84·0	86·1	87·6	89·0	89·8	90·4	91·9	92·8	92·9	93·1	92·4	92·6	91·4	90·6	89·1	88·2	87·3	87·4	87·1	88·4
10	86·1	85·8	85·1	84·5	83·5	84·5	86·1	87·3	88·6	89·4	89·6	90·6	90·7	90·0	89·7	90·3	88·8	87·8	87·7	87·1	86·9	87·2	87·4	87·0	87·6
11	86·9	86·6	86·4	86·2	86·7	86·9	87·2	87·4	88·6	89·4	88·3	90·2	89·7	89·2	89·8	89·2	88·9	88·6	87·2	88·0	87·9	87·4	87·1	87·0	87·9
12	86·6	86·4	86·6	86·3	86·7	86·9	88·0	88·7	89·8	91·0	91·6	91·7	91·4	90·6	90·7	90·7	90·2	89·1	88·9	88·2	87·6	86·8	86·1	85·7	**88·6**
13	85·5	85·7	86·1	86·0	86·0	85·6	85·8	86·0	87·0	87·0	87·6	87·8	88·2	88·5	87·9	86·8	86·6	86·4	86·3	86·1	86·2	86·1	86·0	86·0	86·5
14	86·0	86·0	85·8	85·6	85·6	85·9	85·7	86·6	87·0	87·7	88·0	88·4	89·7	89·0	89·0	88·7	88·0	87·2	86·8	86·5	86·2	86·3	86·4	86·6	87·0
15	85·7	85·1	84·6	84·5	84·5	84·8	84·8	85·7	87·0	88·3	88·6	88·3	88·9	89·1	88·5	87·8	87·2	89·4	88·1	86·6	85·9	85·0	84·4	84·4	86·6
16	84·0	84·1	84·0	83·9	83·4	84·4	86·0	86·7	86·5	87·1	87·6	87·8	88·1	88·2	87·9	87·6	87·2	86·6	86·2	85·6	84·9	85·1	84·7	84·1	85·9
17	83·3	83·7	83·1	82·6	82·2	83·6	85·2	85·8	86·3	87·2	87·4	87·0	86·5	86·2	86·5	86·4	86·2	85·4	84·7	84·0	83·9	83·7	83·7	83·8	84·9
18	84·0	84·0	84·2	84·3	84·4	84·1	84·0	84·4	85·3	85·8	85·4	85·5	85·5	85·3	84·9	84·8	84·9	84·2	84·1	84·1	84·1	84·0	84·1	84·2	84·6
19	84·4	84·4	84·6	84·9	84·7	84·3	84·4	84·9	84·9	85·1	84·0	85·8	86·5	87·3	87·1	88·0	86·7	86·6	86·2	85·6	85·0	84·4	84·4	84·4	85·4
20	84·5	84·4	84·5	84·1	83·8	83·9	84·1	85·0	85·6	86·1	85·9	86·4	85·9	86·0	85·9	85·4	85·1	85·0	84·7	84·7	84·7	84·8	84·7	84·7	85·0
21	84·3	84·5	84·3	84·4	84·5	84·7	85·1	85·6	85·9	86·2	86·4	86·1	86·8	86·7	86·6	86·5	86·2	86·0	85·7	85·4	85·2	85·2	85·1	85·0	85·5
22	85·1	85·4	85·0	85·6	85·4	85·5	85·8	86·7	86·5	86·8	87·2	86·6	86·1	86·4	86·6	86·5	86·1	85·7	85·6	85·1	85·2	85·1	85·0	84·8	85·9
23	84·6	84·4	84·0	83·9	83·3	83·0	83·6	85·0	85·2	85·0	85·5	85·9	84·5	85·6	86·0	85·6	85·3	84·9	84·4	84·1	83·8	83·5	83·4	83·3	84·5
24	83·1	82·9	82·9	83·0	83·2	83·6	84·3	84·9	85·8	86·7	87·2	88·0	86·7	86·9	86·6	86·5	87·0	86·9	86·3	85·4	85·0	84·6	83·6	83·9	85·2
25	83·9	84·2	84·4	84·5	84·3	84·5	84·7	85·9	87·0	87·3	87·5	88·0	87·7	87·9	87·9	88·2	87·8	88·0	87·0	86·9	85·6	85·1	84·0	84·0	86·1
26	82·6	82·5	82·4	82·5	82·0	83·3	84·3	85·9	86·7	87·2	87·0	87·3	88·6	87·5	87·8	86·0	85·6	84·0	84·1	84·0	83·4	83·6	82·4	81·6	84·7
27	81·2	81·0	80·2	79·9	79·4	81·0	81·7	83·5	84·8	86·0	85·4	86·0	84·8	85·6	86·0	86·0	86·1	86·4	85·0	84·3	83·8	82·6	82·5	82·5	**83·5**
28	82·6	83·1	82·9	83·4	83·1	83·3	84·0	85·1	85·9	86·3	86·0	86·1	86·2	85·9	85·9	85·9	85·9	85·7	85·7	85·7	85·7	85·7	85·7	85·7	85·0
29	85·7	85·7	85·7	85·6	85·4	85·5	85·6	86·1	86·6	88·0	88·7	88·8	89·2	89·7	89·2	89·1	88·5	87·4	86·6	86·3	86·0	85·5	85·1	85·0	86·9
30	84·5	83·9	84·0	84·6	84·7	84·9	85·0	85·8	87·7	87·5	89·3	89·4	88·6	89·0	88·6	88·6	88·0	87·7	86·7	86·2	86·4	86·5	85·7	86·0	86·6
31	86·0	85·9	85·9	85·6	85·7	86·0	86·1	86·2	86·0	86·1	85·9	86·0	86·3	86·1	86·2	86·1	86·4	86·2	86·1	86·1	86·0	85·9	85·8	85·	86·0
Mean ...	84·7	84·6	84·5	84·4	**84·3**	84·8	85·6	86·3	87·0	87·6	87·8	88·0	**88·1**	88·1	88·0	87·9	87·6	87·3	86·7	86·2	85·7	85·4	85·1	84·9	86·3
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

36. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **September, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	85·7	85·4	85·2	85·1	85·3	85·4	85·8	87·2	86·9	88·0	88·4	89·2	90·0	90·0	88·2	87·7	87·9	88·0	87·3	87·0	86·5	86·2	86·2	86·4	**87·0**
2	86·2	86·3	85·6	85·0	85·3	85·6	86·0	86·1	86·7	87·7	87·2	86·5	87·4	86·7	86·5	86·2	86·5	85·4	85·0	84·9	85·4	86·1	86·2	86·5	86·1
3	86·2	86·1	86·0	85·7	85·7	85·4	85·1	85·6	86·9	86·6	87·1	88·6	89·0	88·6	88·0	87·6	87·7	87·5	86·6	85·9	85·3	84·2	82·5	81·4	86·3
4	80·7	80·3	80·2	79·5	79·3	79·1	80·3	82·6	85·0	87·0	87·7	87·7	87·9	88·0	88·0	87·7	87·7	88·0	86·5	85·2	84·0	83·1	83·2	83·9	84·2
5	83·6	83·7	83·7	83·5	83·6	83·4	83·2	83·7	85·5	87·0	87·5	87·7	87·7	87·6	87·2	87·3	87·0	86·2	85·8	85·3	85·8	86·0	86·1	86·1	85·5
6	86·1	85·9	85·2	84·9	84·6	84·9	85·3	86·2	87·6	87·9	87·7	88·9	88·4	88·2	87·6	87·7	87·1	87·0	86·2	86·2	86·5	86·5	86·5	86·5	86·6
7	86·4	86·3	86·3	86·2	86·2	86·2	86·3	86·4	86·7	87·0	86·5	86·6	87·0	87·5	86·7	86·5	86·2	86·1	86·0	85·8	85·7	86·0	85·8	85·8	86·4
8	85·7	85·7	85·9	86·0	86·0	86·0	86·0	86·1	85·9	85·9	86·0	86·2	86·5	86·8	86·9	86·8	86·9	86·6	86·4	86·2	86·5	86·6	86·2	86·1	86·2
9	86·0	85·9	85·0	84·8	84·7	84·8	85·1	84·1	83·6	83·5	82·9	83·6	83·7	83·3	83·3	83·2	82·5	81·8	81·1	80·9	80·0	80·0	79·8	79·3	83·2
10	79·0	78·5	78·1	78·0	78·1	77·8	78·6	79·9	79·7	80·5	81·6	81·9	80·5	81·5	81·4	82·1	82·2	81·1	80·0	78·5	78·2	78·0	78·4	78·4	**79·7**
11	80·2	81·5	80·8	81·2	81·7	82·4	82·7	83·0	83·5	84·0	85·9	87·9	88·1	87·8	88·5	88·2	87·4	85·9	85·0	84·0	84·1	83·6	82·9	82·4	84·2
12	82·4	83·6	83·9	85·2	85·2	85·5	85·9	86·4	87·2	87·3	88·5	88·4	88·4	87·5	87·9	88·4	87·2	87·0	85·9	86·2	86·0	85·6	85·4	85·7	86·2
13	84·7	84·0	83·8	83·9	84·9	84·6	84·4	85·1	86·3	86·7	86·9	87·8	88·4	88·7	88·8	88·4	87·0	86·1	84·6	84·4	84·0	83·3	82·6	81·9	85·5
14	82·1	81·1	80·6	79·5	80·1	79·8	81·4	83·2	84·3	83·9	84·7	86·2	87·1	87·6	87·0	86·4	85·7	85·1	84·0	83·4	82·6	81·9	81·4	81·7	83·4
15	82·1	82·0	81·9	81·5	80·9	80·7	81·7	83·0	83·4	83·2	83·9	84·4	84·8	84·9	85·6	85·6	85·3	84·9	84·7	84·6	85·2	84·9	84·9	84·7	83·6
16	84·4	84·0	84·4	84·6	83·7	83·9	84·6	85·4	86·6	87·5	88·6	88·7	88·5	86·4	85·8	86·4	85·7	85·2	85·3	85·6	85·9	85·8	85·7	85·5	85·7
17	85·2	83·9	83·9	83·5	83·9	83·6	84·1	84·7	85·3	86·3	87·4	88·4	87·1	89·4	88·5	88·4	87·2	85·6	84·4	84·6	84·2	83·8	83·6	83·6	85·5
18	83·2	83·6	83·2	84·2	84·0	83·8	84·0	85·0	85·7	86·2	86·5	87·5	87·8	87·7	87·6	87·0	86·4	85·4	84·4	83·5	83·0	82·2	82·2	81·8	84·9
19	81·5	80·6	80·5	80·0	79·9	80·8	82·3	83·3	84·0	86·0	87·4	87·9	88·0	87·7	87·1	86·9	86·3	85·2	84·5	84·6	84·7	84·5	84·1	83·8	84·2
20	83·4	83·0	82·6	82·2	81·0	80·3	80·0	81·4	83·0	84·3	85·6	86·2	86·1	86·6	86·1	85·6	84·9	84·5	84·3	84·1	84·0	83·9	83·6	83·4	83·8
21	83·3	83·4	84·1	84·6	84·2	83·6	82·9	82·6	82·8	83·6	84·7	85·5	86·7	86·6	86·4	86·7	85·8	84·4	83·0	81·7	81·2	80·6	80·4	79·6	83·8
22	79·4	78·8	78·1	78·0	77·6	76·1	76·7	78·6	81·6	83·4	83·9	84·0	84·0	84·4	84·8	84·2	83·7	82·7	81·8	80·0	79·4	79·2	79·4	78·2	80·8
23	77·9	76·4	76·6	76·4	76·1	76·9	82·8	83·4	83·3	81·6	81·2	81·4	82·0	82·7	82·2	83·0	82·8	82·6	82·0	81·7	81·0	80·6	80·4	80·5	80·6
24	80·9	80·7	80·9	80·6	80·1	79·6	80·1	80·6	80·6	82·5	83·2	83·4	83·9	83·4	84·2	84·0	82·6	81·9	81·3	81·0	80·2	80·4	79·9	79·6	81·5
25	79·6	79·1	79·0	78·7	77·6	77·4	78·0	80·1	82·4	83·8	84·7	85·6	84·7	85·5	85·0	85·0	84·9	83·7	81·6	80·5	80·4	82·0	81·7	81·9	81·7
26	81·6	81·5	82·0	81·9	81·5	80·7	80·4	82·0	83·6	84·6	84·9	84·7	84·9	85·0	84·9	83·4	82·4	82·2	81·6	81·6	81·5	81·5	80·1	79·4	82·5
27	79·3	78·8	78·5	77·2	78·1	78·7	79·4	81·2	82·4	84·2	85·3	86·1	85·9	86·4	86·4	86·1	85·7	85·0	84·6	84·0	83·9	83·4	83·6	83·3	82·7
28	82·8	82·3	81·3	80·5	80·2	80·8	81·6	81·9	83·0	84·4	84·8	85·2	85·7	85·7	85·6	85·1	84·9	84·7	84·5	84·7	85·0	84·9	84·5	84·4	83·7
29	84·6	84·6	84·7	84·9	84·8	84·8	85·0	85·0	85·4	85·7	85·7	85·2	85·4	85·1	84·9	85·0	85·1	85·6	85·3	85·4	85·2	85·1	85·3	85·4	85·1
30	85·2	85·5	85·1	84·2	84·0	83·9	84·6	85·0	85·2	86·6	86·5	86·3	87·2	86·4	86·0	85·6	85·4	85·4	84·3	83·4	83·4	82·6	82·2	82·1	84·9
Mean ...	83·0	82·7	82·6	82·4	82·3	**82·2**	82·8	83·6	84·5	85·2	85·8	86·3	86·4	**86·5**	86·2	86·1	85·6	85·0	84·3	83·8	83·6	83·4	83·2	83·0	84·2

37. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **October, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	81·9	81·6	81·4	81·4	81·4	81·5	81·7	82·6	83·7	84·2	85·0	84·6	85·0	84·8	84·7	84·4	83·8	84·0	84·0	84·1	84·1	83·9	83·6	83·5	83·3
2	83·6	83·9	84·1	83·9	83·7	83·4	83·8	84·3	84·7	85·1	85·6	85·5	85·3	86·0	86·0	85·7	85·5	85·0	84·4	84·1	83·7	83·6	83·3	82·6	**84·5**
3	83·0	83·1	83·3	83·2	83·1	82·8	82·7	82·6	83·2	84·8	84·8	85·3	86·0	85·8	85·7	85·2	84·9	84·6	84·6	84·2	84·1	84·0	84·0	84·1	84·1
4	84·0	83·6	83·5	83·3	83·1	83·0	83·1	83·1	83·4	83·6	84·5	84·8	85·5	85·1	85·4	85·2	84·4	84·0	83·6	83·2	83·6	84·0	84·0	84·0	84·0
5	84·1	84·1	84·1	84·3	84·3	84·3	84·1	84·0	84·3	84·4	84·6	84·6	84·5	84·7	84·7	84·5	84·4	84·4	84·4	84·2	84·3	83·8	83·9	83·9	84·3
6	83·7	83·6	82·6	82·4	82·1	81·6	81·1	81·2	81·7	82·3	83·1	84·5	84·7	84·4	84·0	83·4	83·4	83·1	83·4	83·0	82·4	82·1	82·6	81·5	82·9
7	80·2	79·7	81·0	79·5	79·0	79·6	80·2	80·9	81·4	82·9	84·1	83·9	84·3	84·9	84·8	84·1	83·2	81·8	81·1	80·2	79·2	79·1	78·6	78·1	81·4
8	77·8	78·0	77·4	76·6	76·4	76·1	76·0	77·7	79·7	81·0	81·6	83·3	84·0	83·5	84·0	83·5	82·8	81·6	80·4	80·1	79·9	80·0	79·9	79·6	80·0
9	79·3	79·6	78·2	77·9	76·9	77·5	77·0	78·6	80·7	82·0	82·9	83·0	83·4	84·0	83·5	83·2	82·8	83·0	82·7	82·2	82·4	82·5	83·0	82·9	81·1
10	82·4	81·5	81·6	82·5	81·9	82·1	82·7	83·1	83·8	84·5	85·3	85·9	85·8	86·6	85·3	84·6	84·0	83·3	82·6	82·0	82·1	82·3	82·9	83·2	83·4
11	83·9	83·1	82·1	81·2	80·5	80·1	80·0	81·1	82·4	83·6	84·0	85·8	85·7	85·2	85·1	84·9	84·7	84·6	84·1	83·9	84·0	84·1	84·1	84·0	83·4
12	83·7	83·8	83·8	83·7	83·6	**83·4**	82·8	83·4	83·6	84·7	85·6	86·6	86·9	86·6	86·3	86·0	85·0	84·7	83·6	83·5	83·7	83·2	83·4	83·0	84·4
13	83·0	82·5	82·3	82·4	81·8	81·6	81·7	82·1	82·5	84·0	84·2	84·5	84·8	85·4	85·5	84·6	84·0	82·9	81·4	80·8	80·5	80·6	81·4	81·6	82·8
14	82·3	82·1	82·1	82·4	82·8	82·6	82·5	82·6	83·0	83·9	84·6	85·2	85·6	85·7	84·8	84·1	84·8	86·0	85·3	83·2	82·5	82·2	82·1	81·4	83·5
15	81·0	84·0	83·2	83·0	83·0	83·4	82·6	83·3	82·9	83·6	84·0	84·4	84·5	84·6	84·8	84·3	84·0	84·1	84·1	84·1	84·1	84·1	84·0	83·9	83·7
16	83·8	83·7	83·4	83·1	82·7	82·1	81·9	82·5	83·1	83·9	84·5	84·9	85·2	85·2	85·0	85·0	84·9	84·7	84·6	83·9	82·7	82·2	81·4	80·5	83·6
17	80·1	80·1	79·7	79·9	80·0	80·1	80·0	80·5	81·5	82·4	83·1	83·6	83·8	84·0	83·9	83·1	82·0	80·7	79·6	77·9	77·7	76·8	77·4	78·0	80·7
18	78·2	77·8	77·6	77·1	77·6	77·7	77·2	77·9	79·2	80·1	80·9	81·9	82·6	82·6	82·4	82·0	81·6	81·2	81·1	81·1	81·1	81·5	82·3	82·4	80·1
19	82·6	82·5	82·5	82·4	82·6	82·7	82·9	83·0	83·0	83·2	83·3	83·5	83·7	84·3	84·6	84·7	84·5	84·1	83·9	83·2	83·0	81·8	81·4	81·4	83·1
20	81·2	81·4	81·4	81·8	83·2	82·5	83·2	83·4	83·4	83·0	82·6	82·4	82·6	82·3	81·8	81·6	80·5	80·4	80·1	79·9	79·0	78·6	77·9	77·1	81·4
21	76·9	76·7	77·0	77·6	77·4	77·6	77·4	77·6	78·7	78·6	79·2	80·0	79·9	79·5	79·4	78·9	78·3	78·2	77·1	77·1	76·1	76·5	76·1	77·1	77·9
22	76·4	75·6	75·1	75·6	75·0	74·1	73·4	73·5	74·0	76·2	78·1	78·8	79·0	79·5	79·5	79·5	79·4	79·2	78·7	78·1	77·2	77·6	78·4	78·4	**77·1**
23	78·6	78·4	78·6	78·6	78·6	78·5	78·5	79·0	79·6	81·0	81·7	82·6	82·7	82·6	82·8	82·6	82·5	82·3	82·7	82·8	82·5	82·0	81·2	80·5	80·8
24	79·7	79·6	79·6	79·8	79·3	79·4	79·4	80·5	81·1	81·4	81·9	82·1	82·3	82·5	82·3	81·8	81·6	81·6	81·4	81·1	81·0	81·0	81·1	81·5	80·9
25	81·6	82·0	82·0	81·8	81·9	82·0	82·4	82·4	82·5	82·6	82·4	82·1	82·0	82·3	81·7	81·5	81·6	81·6	81·4	81·4	81·4	81·3	81·2	81·2	81·9
26	81·0	80·6	80·5	80·0	79·6	78·7	79·6	80·0	80·2	80·6	81·1	81·1	81·5	81·9	81·9	81·6	81·1	80·7	80·1	79·9	80·2	79·9	79·7	79·8	80·5
27	79·7	80·0	80·0	80·1	80·1	80·2	80·7	80·5	80·8	81·1	81·4	81·7	82·0	82·1	81·9	81·4	81·3	81·3	81·2	81·3	81·4	81·3	81·1	81·1	81·0
28	81·0	80·5	80·1	80·0	80·0	80·0	79·6	79·0	80·0	80·8	81·4	82·1	82·7	83·2	83·0	82·8	82·5	82·0	81·7	81·2	81·2	80·9	80·6	80·6	81·1
29	79·7	80·0	80·4	80·7	81·4	81·7	82·3	82·6	82·9	83·0	83·1	83·3	83·5	83·9	84·2	84·4	84·5	84·4	83·7	83·6	83·3	83·3	83·1	83·0	82·7
30	82·6	82·7	82·4	81·7	80·6	80·0	80·5	80·5	81·2	82·6	83·2	83·7	83·4	83·8	83·7	83·3	83·2	82·1	81·6	81·0	79·9	78·2	77·9	77·6	81·7
31	77·8	78·0	78·6	79·5	79·7	79·1	79·2	79·2	81·2	82·1	82·7	83·4	84·1	85·4	85·7	84·4	82·7	81·7	81·4	82·0	81·6	81·4	81·0	80·7	81·3
Mean ...	81·1	81·1	81·0	80·9	80·8	**80·6**	80·7	81·1	81·7	82·5	83·0	83·5	83·8	**83·9**	83·8	83·4	83·0	82·7	82·3	81·9	81·6	81·4	81·4	81·2	82·0
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

38. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulb above ground) = 12·5 metres. **November, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	80·4	80·9	80·6	81·0	80·1	79·9	81·0	80·6	80·1	80·9	80·9	81·0	80·9	81·0	80·7	80·1	80·1	80·0	80·2	80·1	80·5	81·2	80·7	80·2	80·6
2	80·0	79·2	78·3	78·2	78·3	78·2	78·1	78·0	78·6	79·1	79·8	80·5	80·7	81·0	80·9	80·3	80·0	79·8	79·6	78·5	77·9	77·8	77·6	77·2	79·1
3	76·8	77·3	77·1	76·7	75·8	76·0	76·0	76·1	76·2	76·4	76·0	77·0	77·2	77·6	78·2	77·6	76·4	76·2	76·0	74·7	75·4	75·5	75·2	74·7	**76·4**
4	75·0	74·7	74·9	74·2	74·9	74·9	74·9	75·5	75·6	76·8	77·5	78·4	79·0	79·0	79·4	79·7	79·7	80·0	79·7	79·7	79·6	80·2	80·1	81·0	77·6
5	81·5	82·2	82·2	82·0	81·9	81·7	81·6	81·6	81·8	82·2	82·6	82·9	82·9	83·0	82·9	82·6	82·1	82·1	81·5	81·1	80·8	80·2	79·2	80·1	81·8
6	80·6	80·8	81·0	81·0	80·6	81·4	81·4	81·5	81·6	82·0	82·3	82·4	82·7	82·7	82·5	82·3	81·9	81·7	81·7	81·5	81·2	81·1	80·5	80·4	81·5
7	80·6	80·4	80·4	80·4	80·4	80·6	80·7	80·8	80·9	81·1	81·5	81·6	81·8	81·7	81·7	81·4	81·2	80·9	80·8	80·8	80·6	80·5	80·4	80·1	80·9
8	80·1	80·1	80·1	80·2	80·4	80·6	81·2	81·3	81·4	81·8	82·0	82·1	82·0	81·7	80·8	80·7	80·8	81·0	80·9	81·0	81·0	81·1	81·0	81·0	81·0
9	81·0	80·9	80·8	80·9	80·9	80·9	81·0	81·1	81·4	81·5	81·7	82·0	82·0	82·1	82·2	82·0	82·0	81·9	81·8	81·6	81·7	81·9	81·7	81·6	81·5
10	81·6	81·7	81·7	81·9	81·7	82·1	82·1	82·1	82·3	82·4	82·4	82·2	82·2	82·3	82·3	82·2	82·3	82·6	82·4	82·5	82·4	82·4	82·4	82·3	82·2
11	82·1	81·9	82·0	82·1	82·0	82·0	82·1	82·4	82·6	82·6	82·5	82·7	82·9	82·8	82·8	82·6	82·5	82·3	82·2	82·1	82·0	81·9	81·4	80·6	82·2
12	80·0	79·3	78·6	78·4	79·3	77·7	77·5	77·5	78·1	78·9	80·0	80·7	81·2	81·2	81·0	79·4	77·6	77·1	76·8	76·2	76·3	76·2	76·1	76·3	78·5
13	76·0	76·0	75·6	75·5	75·8	76·6	77·0	77·9	77·9	78·4	81·0	81·3	81·5	81·4	81·5	81·3	81·1	80·6	80·1	80·1	80·0	79·9	79·5	79·4	78·9
14	79·2	79·1	79·0	78·7	78·5	79·6	80·6	81·1	81·6	81·5	81·5	81·6	81·5	81·6	81·5	82·0	81·8	81·7	81·5	81·2	81·2	81·1	81·0	81·0	80·8
15	81·2	81·4	81·5	81·2	81·2	81·0	81·0	81·0	80·8	81·0	81·1	81·0	81·1	81·0	80·9	80·7	80·6	80·6	80·5	80·5	80·5	80·4	80·4	80·0	80·9
16	79·6	78·4	77·5	77·7	76·6	76·4	76·2	76·6	77·4	78·6	79·0	79·4	79·7	79·4	78·9	78·5	77·9	77·7	77·4	77·5	77·5	77·5	77·6	77·3	78·0
17	77·2	76·9	76·6	76·0	76·0	76·3	76·1	76·2	75·9	76·0	77·4	78·4	79·7	80·0	79·5	78·6	76·7	76·4	76·4	77·6	77·1	77·2	78·9	79·1	77·3
18	81·0	81·9	82·2	81·2	80·9	80·6	79·8	79·3	79·0	80·0	80·6	81·3	81·3	81·1	81·2	80·8	79·8	79·8	79·6	78·6	79·0	79·1	78·6	78·8	80·2
19	78·6	77·3	77·0	77·5	78·4	77·9	77·6	77·4	78·4	78·8	79·9	81·6	82·7	83·3	83·9	83·4	83·3	83·2	83·4	83·9	83·1	82·8	83·5	84·3	80·8
20	84·4	84·0	83·7	82·2	81·9	81·0	80·4	80·5	81·1	82·9	84·2	83·5	83·6	83·7	84·0	83·2	83·1	83·0	83·0	82·6	83·4	83·0	82·1	82·4	**82·8**
21	82·3	82·0	81·6	81·6	81·3	81·0	80·9	81·1	82·0	82·5	82·6	82·4	82·4	83·0	83·3	83·0	82·7	82·9	82·8	82·7	83·1	84·4	83·2	83·6	82·4
22	84·8	83·0	84·1	82·2	81·8	81·7	82·0	81·9	81·8	82·0	82·2	82·6	82·3	82·1	81·9	81·4	80·4	79·8	78·7	78·7	78·5	78·9	78·9	78·6	81·4
23	78·6	79·0	79·4	79·6	79·7	80·1	80·5	80·2	80·5	80·1	80·4	80·3	80·5	80·6	80·6	80·4	79·8	79·5	79·6	80·1	80·4	80·7	81·1	81·9	80·1
24	82·5	83·1	83·9	83·9	83·4	83·1	83·0	82·9	82·9	83·1	83·0	83·3	83·0	83·1	82·7	82·1	82·2	82·4	82·6	82·3	81·7	82·0	82·0	81·9	82·8
25	81·9	81·9	81·7	81·2	81·1	81·1	81·1	81·4	81·3	81·6	81·9	82·0	82·2	82·2	82·1	81·9	81·8	81·9	82·0	82·2	82·3	82·3	82·4	82·3	81·8
26	82·4	82·3	82·6	82·6	82·5	82·5	82·8	83·0	83·4	83·4	83·3	83·3	83·1	82·8	82·9	82·9	82·7	82·7	82·7	82·9	82·9	82·6	82·5	82·4	82·8
27	82·4	82·4	82·5	82·5	82·4	82·7	82·8	82·8	82·6	82·6	82·5	82·0	82·0	81·9	81·9	81·7	81·4	80·6	80·8	81·1	81·0	81·0	80·6	80·1	81·9
28	79·9	79·7	79·9	79·9	79·8	79·7	79·4	78·8	78·7	78·7	79·0	79·2	79·4	79·3	79·1	78·9	79·6	79·4	79·5	79·6	79·9	79·5	79·7	79·6	79·4
29	79·7	80·2	80·1	80·2	80·6	80·6	80·7	80·6	80·4	80·8	81·4	81·4	81·5	81·1	80·6	80·6	80·7	81·1	81·4	81·3	81·4	81·4	81·1	81·6	80·8
30	81·6	81·8	81·8	82·0	82·0	82·1	82·0	82·0	81·9	81·9	82·0	82·2	82·4	82·4	82·4	82·3	82·2	82·3	82·4	82·3	82·4	82·1	82·0	81·5	82·1
Mean ...	80·4	80·3	80·3	80·1	80·0	**80·0**	80·1	80·1	80·3	80·7	81·1	81·3	81·5	**81·5**	81·5	81·2	80·8	80·7	80·6	80·5	80·5	80·5	80·4	80·4	80·6

39. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **December, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	81·1	80·4	79·7	79·2	79·5	79·7	79·3	79·1	79·3	80·0	80·2	80·8	81·2	81·4	81·2	81·1	81·1	80·6	80·4	81·4	81·6	81·6	81·7	82·0	80·6
2	82·0	82·1	82·1	82·1	82·0	81·6	82·1	81·9	81·8	82·3	82·0	81·6	81·8	81·7	81·4	81·6	81·3	81·4	81·2	80·3	81·1	81·5	81·6	81·1	81·7
3	80·5	81·1	81·4	80·8	80·8	80·9	80·7	80·5	80·6	80·9	81·1	81·2	81·3	81·3	81·1	81·0	81·0	81·2	81·0	81·2	81·0	80·8	81·1	81·3	81·0
4	81·3	81·4	81·5	81·7	81·7	81·6	81·9	81·9	82·0	82·1	82·2	82·0	82·1	81·6	81·4	81·0	81·0	81·0	81·2	81·4	81·5	81·4	81·3	81·1	81·6
5	80·8	80·1	79·9	79·4	79·4	79·4	78·7	78·7	78·7	79·6	80·5	80·9	81·2	81·6	81·5	80·5	80·2	80·2	80·0	79·6	79·0	78·9	78·3	77·8	79·9
6	77·8	78·0	78·1	78·7	78·9	79·7	79·9	78·9	77·8	79·4	79·6	80·0	80·7	80·7	80·0	79·4	79·4	79·6	79·6	80·2	80·0	80·1	80·4	80·5	79·4
7	81·0	81·1	81·5	82·0	82·0	82·0	81·6	81·9	82·2	82·4	82·6	82·8	83·0	83·0	83·4	83·0	82·7	82·6	82·7	83·0	83·3	83·1	82·9	83·2	82·4
8	83·2	82·9	82·5	82·1	81·5	80·9	80·0	79·8	79·9	80·2	80·9	81·4	81·0	80·6	80·0	79·7	80·1	80·4	81·3	81·6	81·9	82·1	82·2	82·4	81·2
9	82·3	82·3	82·4	82·4	82·0	81·5	81·1	80·9	81·2	80·5	81·0	81·1	81·4	81·6	81·1	80·0	78·4	78·0	78·4	78·7	79·9	80·4	80·8	81·1	80·8
10	81·4	81·2	81·6	81·8	81·7	81·5	81·5	81·4	81·5	82·0	81·9	82·5	83·0	82·6	82·2	82·2	82·1	82·1	81·6	81·2	80·9	81·1	81·0	81·0	81·7
11	80·5	80·7	80·1	80·0	80·6	80·8	80·6	80·1	79·7	79·4	79·6	79·5	79·7	80·2	80·0	81·0	81·5	81·3	81·2	81·0	80·5	80·8	81·0	80·6	80·4
12	81·0	81·6	82·2	82·5	82·4	82·3	82·3	82·3	82·5	82·4	82·6	82·7	82·9	83·3	83·2	83·4	83·4	83·6	84·1	84·2	84·4	84·0	83·6	83·4	82·9
13	83·1	83·2	83·0	82·7	82·7	82·7	82·9	82·6	82·7	82·3	81·9	81·7	81·8	82·1	82·1	81·9	81·5	81·1	80·8	80·6	79·7	79·5	78 9	77·7	81·7
14	77·0	77·1	76·9	76·3	76·5	75·7	75·1	75·6	75·7	75·3	76·1	76·6	77·7	77·4	77·2	76·4	76·6	76·7	76·4	76·4	75·6	75·7	75·7	75·4	76·3
15	74·9	74·4	74·4	73·7	73·2	72·9	73·9	74·9	75·0	75·4	76·1	78·8	79·4	79·9	80·2	80·4	80·5	80·6	80·6	80·5	80·1	80·2	80·6	80·3	77·4
16	79·7	80·1	80·4	80·6	80·4	80·6	80·4	80·1	80·0	79·7	79·8	79·9	80·2	80·2	80·4	79·9	79·1	79·7	79·7	79·6	78·6	77·6	77·5	76·9	79·7
17	76·6	77·7	78·3	78·7	78·9	78·6	78·9	79·1	79·4	80·0	80·3	80·7	81·4	81·4	81·6	82·0	82·4	83·3	83·3	84·0	84·5	84·9	84·9	85·0	80·9
18	84·8	84·8	84·6	84·2	84·0	84·0	84·0	84·0	84·3	84·4	84·4	84·7	85·0	85·0	84·8	84·9	84·6	84·7	84·7	84·6	84·0	82·7	82·4	82·3	**84·3**
19	82·1	82·1	82·0	82·3	82·4	81·0	81·2	80·9	80·8	80·4	81·0	80·6	81·1	80·6	80·6	80·3	80·3	80·5	80·4	81·0	81·4	81·6	81·9	82·1	81·2
20	82·2	82·2	82·0	81·9	81·4	81·0	81·1	80·7	80·9	81·4	82·4	82·8	83·2	82·2	82·5	82·2	82·6	82·8	82·6	82·7	82·4	82·8	81·9	82·4	82·1
21	82·8	82·7	82·6	82·9	82·4	82·3	81·2	81·4	81·0	81·2	81·5	81·6	81·7	81·3	81·0	80·6	80·1	79·9	79·4	79·0	78·7	78·4	78·7	78·8	81·0
22	79·2	79·1	78·9	78·5	78·0	78·0	77·6	77·3	77·7	77·9	78·4	78·8	78·8	78·9	79·0	79·4	79·9	80·2	80·1	80·1	80·6	82·0	81·6	81·3	79·2
23	80·9	80·4	81·7	82·1	81·5	82·0	82·1	82·4	82·8	82·9	83·7	83·6	83·2	82·2	81·4	80·8	80·0	79·9	80·5	81·0	81·1	80·7	80·2	79·9	81·6
24	79·3	78·8	78·3	77·7	77·5	78·2	77·9	77·4	77·0	76·7	78·3	79·3	79·8	80·0	79·3	79·3	79·2	79·5	79·8	80·0	80·4	80·4	79·6	79·6	78·9
25	80·2	80·2	79·8	79·7	79·5	79·3	78·6	78·6	78·5	78·4	78·3	78·6	77·9	77·9	77·8	77·4	77·0	77·2	75·9	74·6	74·4	74·6	74·2	73·8	77·7
26	73·9	75·6	78·9	79·0	79·0	79·0	78·8	80·6	80·9	80·9	80·8	80·8	80·8	80·6	80·8	79·6	78·6	78·4	79·0	79·0	78·4	78·0	78·4	79·3	79·0
27	79·1	79·5	79·4	79·6	79·9	80·9	81·5	80·6	81·6	82·4	82·3	81·0	80·5	79·9	79·0	78·6	79·0	78·4	77·8	77·1	77·0	76·6	76·3	76·2	79·4
28	75·9	76·0	76·0	76·2	75·6	75·6	75·6	75·8	75·9	76·0	76·8	77·0	77·6	77·0	76·1	75·9	75·4	75·6	75·7	76·2	76·4	75·8	75·1	75·5	76·0
29	75·6	75·8	76·1	75·6	75·6	75·0	76·3	76·6	75·6	76·3	76·5	77·1	77·4	78·3	78·2	78·6	79·9	80·3	80·2	80·6	81·0	81·0	81·1	81·3	77·8
30	79·9	79·8	79·4	78·4	77·9	78·1	77·6	77·1	76·4	76·5	77·0	77·5	77·6	76·9	76·5	75·4	74·8	75·3	75·5	75·5	75·5	75·3	75·1	75·3	77·0
31	74·8	75·0	75·5	75·8	76·3	75·6	74·6	74·0	73·9	74·6	74·8	75·0	75·6	75·7	75·0	75·0	75·0	75·0	74·8	75·0	75·0	75·1	75·1	75·2	**75·1**
Mean ...	79·8	79·9	80·0	80·0	79·8	79·8	79·6	79·6	**79·6**	79·8	80·1	80·4	**80·6**	80·6	80·3	80·1	80·0	80·0	80·0	80·0	80·0	80·0	79·8	79·8	80·0
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

TEMPERATURE : ANNUAL MEANS OF HOURLY VALUES.

From readings in degrees absolute at exact hours, Greenwich Mean Time.

40. Aberdeen : North Wall Screen on Tower : $h_t = 12{\cdot}5$ metres. **1924.**

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
80·21	80·10	80·00	**79·91**	79·91	80·11	80·49	80·86	81·29	81·73	82·12	82·43	82·61	**82·66**	82·59	82·36	82·13	81·84	81·47	81·13	80·87	80·69	80·48	80·34	81·18

TEMPERATURE : MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

41. Aberdeen : North Wall Screen on Tower : $h_t = 12{\cdot}5$ metres. **1924.**

Month.	Mean.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
Jan.	277·42	−0·46	**−0·54**	−0·53	−0·43	−0·50	**−0·54**	−0·50	−0·43	−0·38	−0·18	+0·23	+0·59	+0·90	**+1·05**	+1·03	+0·70	+0·50	+0·35	+0·19	+0·01	−0·17	−0·15	−0·41	−0·41
Feb.	277·16	−0·06	−0·13	−0·19	−0·12	−0·19	−0·40	**−0·42**	**−0·42**	−0·37	−0·18	+0·09	+0·48	+0·68	**+0·71**	+0·60	+0·45	+0·15	−0·09	−0·05	−0·14	−0·14	−0·10	−0·12	−0·07
Mar.	**275·95**	−0·86	−0·97	−1·07	−1·22	−1·32	**−1·37**	−1·22	−0·93	−0·30	+0·32	+0·91	+1·35	+1·68	+1·77	**+1·81**	+1·53	+1·13	+0·71	+0·28	−0·04	−0·28	−0·50	−0·67	−0·78
April	278·85	−1·42	−1·54	−1·70	−1·89	**−1·97**	−1·72	−0·88	−0·18	+0·63	+1·12	+1·60	+1·80	+1·84	**+1·91**	+1·74	+1·70	+1·31	+1·05	+0·29	−0·21	−0·47	−0·73	−1·06	−1·22
May	281·04	−1·20	−1·43	−1·63	**−1·85**	−1·57	−1·00	−0·40	+0·06	+0·37	+0·58	+0·72	+0·97	+1·12	+1·32	**+1·41**	+1·39	+1·34	+1·13	+0·71	+0·20	−0·23	−0·45	−0·64	−0·93
June	284·18	−1·85	−2·01	−2·14	**−2·17**	−1·84	−0·85	+0·02	+0·35	+0·81	+1·23	+1·47	+1·56	**+1·65**	+1·49	+1·59	+1·32	+1·54	+1·18	+0·57	+0·15	−0·50	−0·78	−1·16	−1·55
July	**286·48**	−1·71	−1·88	−2·09	**−2·17**	−1·94	−1·29	−0·43	+0·07	+0·58	+1·13	+1·52	+1·72	+1·88	**+1·98**	+1·87	+1·49	+1·41	+0·91	+0·71	+0·08	−0·38	−0·86	−1·14	−1·45
Aug.	286·27	−1·56	−1·66	−1·83	−1·87	**−1·97**	−1·46	−0·72	+0·03	+0·73	+1·30	+1·50	+1·74	**+1·82**	+1·79	+1·74	+1·61	+1·39	+1·00	+0·48	−0·09	−0·55	−0·88	−1·20	−1·35
Sept.	284·19	−1·26	−1·49	−1·67	−1·85	−1·94	**−2·00**	−1·41	−0·58	+0·27	+1·03	+1·56	+2·07	+2·25	**+2·28**	+2·06	+1·90	+1·44	+0·87	+0·11	−0·32	−0·51	−0·72	−0·98	−1·15
Oct.	282·02	−0·92	−0·95	−1·09	−1·16	−1·28	**−1·40**	−1·38	−0·98	−0·31	+0·46	+1·03	+1·50	+1·75	**+1·93**	+1·81	+1·42	+1·02	+0·68	+0·25	−0·12	−0·39	−0·59	−0·63	−0·77
Nov.	280·61	−0·17	−0·27	−0·32	−0·51	−0·59	**−0·60**	−0·55	−0·49	−0·34	+0·04	+0·46	+0·73	+0·90	**+0·93**	+0·87	+0·53	+0·19	+0·09	−0·02	−0·12	−0·14	−0·09	−0·24	−0·25
Dec.	280·00	−0·25	−0·16	−0·03	−0·12	−0·21	−0·30	−0·39	**−0·43**	**0·48**	−0·22	+0·14	+0·43	**+0·66**	+0·57	+0·34	+0·11	0·00	+0·09	+0·06	+0·11	+0·07	+0·04	−0·07	−0·10
Year	281·18	−0·98	−1·09	−1·19	−1·28	**−1·28**	−1·08	−0·69	−0·33	+0·11	+0·55	+0·94	+1·25	+1·43	**+1·48**	+1·41	+1·18	+0·95	+0·66	+0·30	−0·04	−0·31	−0·48	−0·69	−0·84

ABSOLUTE EXTREMES OF TEMPERATURE FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

42. Aberdeen : North Wall Screen on Tower : $h_t = 12{\cdot}5$ metres. **1924.**

Month	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	83·7	75·4	80·4	74·4	74·6	72·2	79·0	72·9	81·8	77·6	82·1	77·7	89·6	82·2	88·4	86·1	**90·2**	85·1	85·1	81·2	81·2	79·6	82·0	78·7
2	80·1	75·9	**84·1**	79·4	75·3	69·8	79·0	72·7	80·1	77·4	83·6	77·4	88·4	83·5	90·8	83·4	88·3	84·8	86·4	82·5	81·2	77·2	82·3	80·0
3	77·6	72·3	83·1	80·3	76·2	**67·4**	78·4	75·6	78·5	73·8	84·1	**75·8**	90·7	83·8	89·0	82·3	89·1	81·4	86·1	82·5	78·4	74·6	81·5	80·2
4	79·8	72·0	83·2	79·0	76·4	70·1	82·2	76·6	79·8	72·9	83·6	77·0	91·2	82·7	93·0	84·1	88·3	78·8	85·6	83·0	81·6	**73·9**	82·2	81·0
5	80·8	77·5	83·7	76·3	76·4	71·2	83·8	77·8	77·3	74·7	81·9	77·0	89·5	83·3	91·1	85·1	87·9	83·1	84·8	83·7	83·0	79·1	81·7	77·8
6	79·9	76·5	80·2	75·3	76·5	67·5	84·0	78·0	79·5	**72·8**	84·1	80·0	88·3	83·4	89·8	83·4	89·0	84·6	84·7	81·1	82·7	80·1	80·9	77·6
7	78·6	76·4	81·0	77·0	79·4	74·3	85·8	76·2	79·3	76·2	88·0	82·6	92·9	83·9	88·2	82·8	87·9	85·6	85·1	78·1	81·8	80·1	83·4	80·5
8	78·3	73·1	78·8	77·4	81·2	75·6	80·9	73·9	78·7	77·0	83·6	82·3	89·1	83·3	90·8	83·4	86·9	85·6	84·4	75·7	82·2	79·9	83·2	79·6
9	73·2	70·0	78·7	76·9	81·3	74·4	78·6	**72·5**	80·2	76·2	86·5	82·4	88·7	82·9	**93·6**	83·5	86·1	79·3	84·0	76·8	82·3	80·6	82·5	77·8
10	75·0	72·4	78·8	76·1	78·8	76·4	77·7	75·0	85·5	78·6	87·3	81·8	92·0	82·0	91·0	83·5	82·6	77·3	86·7	81·4	82·6	81·5	83·1	80·9
11	76·7	**68·4**	76·4	74·5	79·6	76·6	78·2	72·9	84·6	79·9	88·6	81·6	**96·1**	86·0	90·8	86·1	88·6	78·4	85·0	79·9	83·0	80·6	81·5	79·1
12	78·0	75·6	75·4	74·2	80·3	76·8	76·6	73·0	85·6	78·4	82·7	80·3	90·3	85·9	92·4	85·6	88·7	82·1	**87·0**	82·5	81·3	76·0	84·5	80·6
13	80·1	74·5	75·3	73·8	79·6	75·8	79·8	72·6	88·2	79·9	84·6	77·3	93·5	84·1	88·8	85·5	89·1	81·9	85·5	80·5	81·6	75·4	83·4	77·7
14	77·1	73·0	74·5	72·4	**84·0**	76·4	79·7	75·4	85·9	79·7	87·4	76·4	92·0	83·2	90·0	85·5	87·6	79·2	86·1	81·4	82·0	78·5	77·8	75·0
15	79·6	77·0	77·5	74·0	81·3	77·1	82·9	74·1	89·3	79·9	90·2	82·5	91·9	85·9	89·7	84·4	85·7	80·6	84·8	80·6	81·5	80·0	80·7	**72·4**
16	79·4	77·0	78·3	75·4	78·2	74·0	81·9	75·4	85·1	79·9	89·9	81·1	92·8	85·4	88·6	83·3	89·2	83·4	85·3	80·5	80·0	76·0	80·6	76·9
17	77·1	75·2	81·3	75·7	77·2	73·0	81·5	74·1	86·8	78·6	84·9	81·9	91·3	84·3	87·5	82·1	89·4	83·1	84·1	76·6	80·1	75·6	85·0	76·5
18	77·9	74·6	80·4	74·2	77·2	73·1	85·3	76·6	84·8	78·7	88·8	82·3	89·4	84·4	86·0	83·8	88·0	81·4	82·8	76·8	82·4	78·4	**85·1**	82·3
19	79·3	74·3	78·8	74·1	77·1	70·6	86·0	80·3	82·1	79·3	87·3	81·1	89·1	84·1	88·0	84·1	88·2	79·7	85·0	81·0	84·3	77·0	82·6	80·2
20	79·3	73·6	81·6	76·5	76·8	69·9	**90·9**	82·8	81·9	79·6	89·3	81·0	87·6	**81·7**	86·4	83·7	86·9	79·5	83·6	77·1	84·6	80·2	83·6	80·5
21	79·0	72·4	80·6	76·2	77·1	73·3	85·2	76·2	82·1	80·1	89·1	79·7	86·8	83·7	86·9	84·2	87·1	79·6	80·2	75·6	84·6	80·9	82·9	78·3
22	79·4	78·9	76·6	74·9	76·6	74·5	78·8	74·4	89·7	80·8	87·7	80·0	88·1	83·9	87·4	84·8	84·9	75·8	79·7	**73·1**	**85·1**	78·0	82·4	77·2
23	79·1	78·0	81·0	74·5	78·1	75·3	81·6	74·8	88·4	81·6	87·7	82·0	91·2	83·7	86·4	83·0	83·4	**75·7**	83·0	78·3	81·9	77·9	84·2	79·7
24	81·1	75·5	80·8	76·2	77·9	76·2	80·0	73·4	86·1	79·6	90·8	84·7	87·5	82·3	88·0	82·9	†84·4	79·6	82·5	79·1	84·1	81·7	80·5	76·4
25	81·6	75·4	77·7	74·6	77·4	75·8	85·8	79·9	82·8	78·7	**92·2**	83·7	87·9	82·6	88·4	83·8	86·0	77·3	82·6	81·1	82·4	81·0	80·4	73·7
26	82·7	76·9	77·6	74·4	76·9	75·3	83·0	79·6	82·1	80·1	**92·2**	87·6	87·1	82·5	88·6	81·5	85·2	79·0	82·0	78·6	83·4	82·2	81·0	73·8
27	79·4	76·0	79·4	71·3	79·4	75·3	84·9	79·0	**90·0**	81·5	88·2	82·8	87·0	83·5	86·7	**79·2**	86·6	77·2	82·3	79·7	83·0	80·1	82·9	75·9
28	80·4	78·5	75·5	**70·3**	78·2	73·4	82·0	77·4	83·3	80·7	88·2	81·3	86·6	84·0	86·6	82·5	86·3	79·6	83·2	79·0	80·1	78·6	77·8	75·1
29	**84·7**	77·8	77·0	71·4	79·0	72·6	80·8	77·5	85·3	80·7	92·1	83·1	87·1	85·0	89·8	85·0	86·2	84·4	84·5	79·6	81·6	79·4	81·3	74·8
30	80·1	75·6	—	—	79·4	72·9	79·3	78·2	83·3	79·7	89·5	81·8	87·6	85·4	89·6	83·6	87·4	82·1	84·0	77·6	82·4	81·4	81·5	74·7
31	82·1	75·6	—	—	80·0	72·1	—	—	81·4	79·7	—	—	93·1	84·6	86·5	85·4	—	—	86·0	77·5	—	—	76·3	73·9
Mean	79·4	75·0	79·3	75·2	78·3	73·5	81·8	76·0	83·5	78·5	87·2	80·9	89·8	83·8	89·0	83·8	87·2	80·8	84·3	79·4	82·2	78·9	81·9	77·7

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

† Interpolated value.

Percentages at exact hours Greenwich Mean Time. Determined as explained on page 14.

43. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **January, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	93	96	90	93	95	96	91	89	86	82	81	78	79	83	86	90	93	94	95	95	95	95	92	90·1	**9·5**
2	89	89	94	92	87	90	90	93	94	97	96	94	96	94	90	97	97	95	92	92	93	94	95	87	92·9	8·3
3	91	89	88	90	87	87	87	80	84	81	80	76	77	77	77	80	81	84	85	88	91	89	86	84	84·2	6·1
4	84	86	84	84	86	85	84	86	86	85	84	87	89	90	89	88	91	92	89	90	90	91	85	86	87·1	6·5
5	87	88	93	94	92	94	93	91	92	92	90	89	89	89	89	89	91	90	90	86	90	90	91	91	90·3	8·6
6	90	91	94	94	94	94	92	90	90	86	86	86	86	84	83	84	84	87	85	85	85	88	83	79	87·7	7·8
7	82	82	82	82	80	82	80	78	80	79	80	79	78	81	81	81	81	83	81	80	78	79	76	80·1	6·9	
8	80	79	83	80	92	81	79	78	83	79	77	75	80	79	81	74	73	72	69	68	74	79	83	65	77·9	6·0
9	83	76	56	69	56	61	56	56	60	61	58	61	77	96	93	86	63	89	72	74	67	58	50	61	**68·4**	**3·8**
10	61	61	71	65	66	72	73	80	79	72	74	91	77	77	76	93	93	90	84	78	86	75	80	85	77·0	4·9
11	86	81	79	86	77	84	91	92	92	92	92	75	81	80	77	81	83	79	87	87	88	86	89	85	84·6	4·8
12	85	90	94	89	89	87	87	85	83	78	76	73	72	72	69	72	71	72	72	75	73	67	76	75	78·6	6·1
13	82	85	90	88	87	89	91	94	94	96	97	97	97	97	94	93	93	94	94	88	87	78	80	81	90·1	7·4
14	84	85	86	85	89	83	84	83	84	87	88	85	90	86	84	91	92	91	91	98	95	90	88	87	87·6	6·2
15	87	85	85	87	92	91	94	97	94	94	94	94	93	92	93	95	95	94	94	93	92	93	93	93	92·1	8·4
16	94	94	93	93	93	92	88	87	87	83	83	84	82	84	84	84	81	79	79	80	79	74	78	79	85·0	7·6
17	77	78	74	73	72	74	74	74	76	74	74	70	71	67	72	72	72	71	72	71	72	76	76	76	73·3	5·5
18	77	85	78	71	72	73	72	84	90	91	94	91	97	92	97	92	92	93	95	95	97	97	97	97	87·9	6·7
19	98	98	98	97	96	94	88	87	85	87	87	86	85	83	86	86	88	89	89	92	92	94	91	93	90·5	7·6
20	95	95	91	85	90	89	85	82	82	73	71	70	69	69	70	71	72	73	80	77	74	71	74	79	78·9	6·2
21	80	82	77	80	80	83	81	86	85	88	92	88	87	90	90	91	93	95	95	94	95	98	98	98	88·2	6·9
22	98	100	100	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	100	100	**99·1**	9·3
23	98	98	98	100	100	100	99	100	100	100	98	98	98	97	97	97	95	95	94	94	96	93	93	91	97·2	8·8
24	91	91	93	94	91	91	93	91	93	90	90	90	90	82	80	80	78	74	71	74	73	73	82	81	85·0	7·8
25	80	81	81	81	85	86	87	90	87	85	90	87	83	86	90	90	92	81	89	88	84	84	85	84	85·6	7·5
26	84	80	79	77	76	77	76	76	78	80	81	83	82	81	81	81	82	81	79	74	78	76	95	92	80·2	8·5
27	90	81	76	68	69	71	71	72	73	70	72	67	68	67	72	70	73	75	77	78	75	75	77	76	73·8	6·3
28	77	80	83	81	81	83	93	89	86	86	86	81	79	77	76	77	81	82	82	81	87	91	93	93	83·2	7·9
29	93	92	94	92	90	90	81	87	85	82	80	78	83	82	84	85	88	90	84	84	89	93	93	92	87·1	**9·5**
30	94	92	91	89	89	80	82	80	79	83	77	77	76	78	81	87	82	86	84	86	87	88	89	91	84·5	7·3
31	87	87	90	91	86	83	85	85	83	85	84	85	85	81	67	67	71	72	67	74	81	77	77	78	80·6	7·6
Mean	**86·4**	86·3	86·2	85·4	85·0	85·2	84·9	85·3	85·5	84·5	84·3	**83·1**	83·7	83·5	83·4	84·5	84·4	85·2	84·4	84·5	85·2	84·1	85·3	84·7	84·8	†7·2
Vapour Pressure* ...	mb. 7·0	mb. 7·0	mb. 7·0	mb. 6·9	mb. 6·9	mb. 6·9	mb. 6·9	mb. 6·9	mb. 7·0	mb. 7·0	mb. 7·1	mb. 7·2	mb. 7·4	mb. **7·5**	mb. 7·4	mb. 7·4	mb. 7·3	mb. 7·3	mb. 7·1	mb. 7·0	mb. 7·0	mb. 6·9	mb. 6·9	mb. **6·9**	mb. ‡7·1	

44. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **February, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	72	78	75	73	76	73	80	72	78	80	68	68	64	68	69	71	69	73	72	72	74	74	71	74	72·7	6·1
2	69	65	69	70	67	67	68	71	72	68	65	66	65	66	62	63	63	65	67	66	69	67	69	69	**67·1**	**8·0**
3	71	71	70	69	69	67	68	70	76	70	67	65	62	64	60	67	68	69	69	70	68	71	68	66	68·4	7·8
4	63	63	66	66	71	72	67	68	71	68	67	69	70	73	73	72	73	74	72	72	71	73	73	70	69·8	7·7
5	66	67	70	71	69	68	68	67	63	82	87	77	73	77	75	73	70	76	83	78	86	82	80	86	74·4	7·4
6	87	86	81	81	80	85	90	91	93	91	93	90	91	93	93	95	96	97	93	84	79	81	83	87	88·3	7·1
7	82	76	82	81	80	85	82	80	81	76	75	82	70	69	72	72	65	67	68	77	82	81	81	81	77·1	7·3
8	82	90	91	93	91	87	84	83	87	81	71	75	72	73	71	72	77	81	81	81	82	82	84	83	81·4	7·1
9	81	81	80	78	79	76	77	71	64	69	75	77	77	76	75	74	74	77	81	85	89	95	95	95	79·0	6·9
10	92	91	93	95	95	95	94	92	94	88	87	86	90	95	91	92	91	92	89	88	86	83	83	82	**90·4**	7·5
11	75	76	80	87	75	75	75	72	76	76	75	72	71	71	71	71	74	72	72	73	77	77	80	80	75·2	5·5
12	79	80	79	83	90	89	91	88	91	93	91	93	89	91	91	89	88	89	84	82	79	73	75	76	85·6	5·9
13	75	75	73	70	72	71	73	67	66	69	76	73	70	72	72	71	69	70	71	67	67	66	66	65	70·5	4·8
14	66	63	64	68	65	70	69	70	74	73	64	62	59	57	55	62	67	67	68	70	84	88	87	87	68·7	4·4
15	79	78	76	80	80	79	77	80	82	85	83	84	83	79	90	93	91	91	91	95	92	90	94	94	85·1	6·2
16	92	93	93	95	94	94	95	96	93	94	89	77	74	74	74	75	79	78	78	77	78	73	72	73	84·2	6·5
17	76	75	72	73	74	76	87	89	91	91	91	86	81	78	81	80	83	84	84	91	91	90	89	89	83·1	7·4
18	89	91	91	86	86	83	73	77	72	67	67	74	71	74	71	69	73	79	71	71	72	71	74	73	76·4	5·9
19	74	76	73	71	72	79	79	79	77	77	71	69	66	63	61	64	66	70	82	87	87	88	87	86	74·9	5·5
20	85	85	88	84	81	78	81	82	81	80	80	76	78	75	78	77	78	81	87	86	85	85	85	79	81·6	7·9
21	77	76	82	75	82	73	71	75	73	80	87	76	77	78	79	80	82	83	82	85	72	71	72	76	77·7	7·0
22	77	80	79	76	76	73	77	71	71	72	69	72	69	67	69	66	72	69	64	65	72	76	72	67	71·9	5·4
23	74	74	72	74	73	79	85	83	81	79	76	75	74	75	72	72	74	76	76	77	71	72	73	68	75·2	6·6
24	72	75	87	78	84	82	82	81	80	76	79	75	79	74	74	73	74	74	71	79	77	75	77	80	77·0	6·6
25	84	89	89	87	80	77	72	73	71	67	65	67	70	68	68	69	74	81	91	93	93	94	91	94	79·2	6·1
26	94	94	94	93	93	94	94	94	95	95	92	88	77	75	74	73	74	77	79	83	80	83	84	85	86·2	6·5
27	83	85	86	84	85	79	74	76	80	80	68	64	87	87	73	73	73	76	86	93	91	76	76	75	79·5	5·8
28	71	90	78	79	76	76	88	87	87	87	74	70	65	59	57	58	93	67	67	67	71	73	73	73	73·2	**4·3**
29	77	85	87	79	85	85	84	90	89	89	81	72	64	81	87	87	87	87	85	80	81	88	88	88	83·3	5·3
Mean	78·1	79·6	**80·0**	79·3	79·3	78·9	79·5	79·1	79·6	79·4	77·0	75·2	**73·7**	74·2	73·9	74·2	75·4	77·3	78·1	79·0	79·5	79·2	79·2	79·3	77·8	†6·4
Vapour ... Pressure* ...	mb. 6·4	mb. 6·5	mb. **6·5**	mb. 6·4	mb. 6·4	mb. 6·3	mb. 6·3	mb. 6·3	mb. 6·4	mb. 6·4	mb. 6·3	mb. 6·3	mb. 6·3	mb. 6·4	mb. 6·3	mb. 6·2	mb. **6·2**	mb. 6·2	mb. 6·3	mb. 6·4	mb. 6·4	mb. 6·4	mb. 6·4	mb. 6·4	mb. ‡6·4	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	-

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

45. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **March, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	88	83	81	83	83	89	85	85	80	80	88	79	76	74	71	70	70	71	71	67	66	63	63	62	76·7	4·8
2	61	61	60	62	68	77	87	90	90	87	83	78	70	72	73	76	77	84	89	91	93	90	89	89	78·5	4·8
3	92	92	92	92	92	91	89	89	87	80	70	67	64	63	64	64	68	78	84	82	83	83	84	84	80·7	4·5
4	84	83	83	84	87	87	87	86	86	76	62	60	63	69	73	72	77	76	73	70	67	69	70	68	75·8	4·6
5	71	75	81	84	84	84	83	83	81	79	72	79	79	80	78	77	77	79	91	91	87	84	84	85	80·8	5·2
6	84	83	83	83	82	80	80	77	71	64	65	58	65	64	61	65	65	65	65	61	63	66	71	77	70·9	**4·3**
7	79	82	83	85	88	88	79	70	68	66	64	65	64	64	62	64	65	68	70	70	68	71	71	70	72·0	5·8
8	70	66	66	81	85	81	80	76	75	72	72	71	65	65	65	67	73	78	79	78	79	85	86	87	74·7	6·6
9	88	90	88	91	88	87	87	90	89	87	78	76	75	76	71	70	73	76	79	81	79	84	81	83	82·0	7·0
10	82	81	85	86	88	89	88	89	91	95	96	95	95	97	95	97	96	96	99	99	99	97	99	99	92·7	**8·0**
11	99	94	95	95	95	94	95	94	91	93	90	90	89	85	87	86	87	87	87	88	91	91	92	92	91·3	7·9
12	92	92	92	92	93	93	91	91	89	84	80	77	74	76	78	80	86	86	87	87	88	91	91	92	86·7	7·6
13	88	89	90	94	90	88	87	85	84	79	77	76	76	78	78	78	79	85	87	84	86	85	87	88	84·2	7·1
14	88	89	81	83	83	85	82	78	74	66	59	53	54	51	48	48	54	58	56	59	60	59	62	59	**66·8**	6·5
15	61	59	61	65	72	77	78	77	80	80	77	74	66	66	64	66	66	74	76	74	80	76	71	71	71·0	6·7
16	69	71	76	77	77	89	92	92	85	89	64	61	64	59	66	71	73	71	73	79	83	79	79	77	75·5	5·7
17	80	81	79	75	75	83	90	83	85	65	66	76	66	73	86	87	88	79	80	82	83	85	85	81	79·6	5·2
18	77	73	66	67	83	89	89	91	83	81	74	63	65	65	67	72	83	91	87	89	89	86	84	75	78·8	5·5
19	77	76	77	83	89	87	85	88	80	72	78	63	63	56	53	55	58	61	65	72	75	78	88	91	73·4	5·1
20	91	91	93	92	92	90	84	75	63	60	58	58	58	59	63	66	70	71	74	76	76	78	79	80	75·1	4·9
21	79	80	79	79	79	81	82	76	70	71	71	73	68	70	68	69	69	74	75	77	82	82	83	82	75·7	5·3
22	76	76	76	77	77	78	83	92	92	94	93	90	93	95	95	95	95	97	97	97	97	97	98	98	89·6	6·7
23	98	99	100	99	99	99	100	100	100	99	100	99	100	100	98	98	98	98	100	98	98	100	100	100	**99·1**	**8·0**
24	98	98	97	97	94	89	89	88	88	85	87	87	88	89	82	85	89	87	89	89	90	88	89	89	89·9	7·4
25	87	88	87	89	87	86	86	89	86	86	84	84	82	83	83	82	85	83	86	86	86	86	82	80	85·3	6·7
26	82	80	80	80	80	83	82	79	79	79	79	77	75	73	75	73	72	73	76	76	78	77	76	77	77·6	5·9
27	77	81	76	78	76	76	78	82	80	69	67	68	68	64	62	61	69	75	71	75	78	73	76	73	73·1	5·9
28	76	77	76	75	73	76	82	84	85	80	74	74	71	73	69	70	75	77	77	85	85	85	85	85	77·6	5·8
29	85	85	85	86	86	86	78	69	71	70	73	65	60	63	62	62	61	63	68	69	72	76	76	77	73·0	5·5
30	78	66	66	66	65	67	67	67	63	64	64	64	61	61	65	64	67	66	70	73	75	84	88	88	68·9	5·3
31	87	87	88	88	88	89	86	76	85	76	69	68	80	78	74	67	69	75	80	80	84	85	85	90	80·5	6·3
Mean ...	82·1	81·5	81·4	82·8	83·8	**85·1**	84·9	83·6	81·6	78·3	75·3	73·2	72·2	72·3	**72·1**	72·8	75·3	77·5	79·4	80·2	81·3	81·7	82·4	82·2	79·3	†6·0
Vapour Pressure* ...	mb. 5·8	mb. 5·7	mb. **5·7**	mb. 5·7	mb. 5·7	mb. 5·8	mb. 5·9	mb. 5·9	mb. 6·0	mb. 6·0	mb. 6·0	mb. 6·0	mb. 6·1	mb. 6·2	mb. **6·2**	mb. 6·1	mb. 6·1	mb. 6·1	mb. 6·1	mb. 6·0	mb. 6·0	mb. 6·0	mb. 5·9	mb. 5·9	mb. §6·0	

46. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **April, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	87	77	85	83	77	79	74	71	64	64	65	65	64	64	66	67	67	71	72	75	77	86	87	88	74·0	5·9
2	87	86	87	86	86	86	86	82	83	69	67	67	67	69	68	68	69	71	72	71	73	73	78	79	76·4	5·8
3	85	90	91	95	95	95	95	94	91	92	91	91	91	85	85	81	82	85	88	88	86	89	90	90	89·1	7·2
4	90	93	92	93	96	95	92	92	87	79	73	78	77	76	76	70	69	71	75	78	82	83	82	86	82·8	7·8
5	87	88	88	87	87	87	86	77	70	66	60	57	63	60	80	70	77	80	79	79	76	82	83	81	77·2	7·9
6	88	88	84	84	84	83	82	78	75	73	66	64	61	65	58	59	67	66	71	72	68	62	58	59	71·9	7·5
7	66	67	71	74	78	93	94	93	91	74	49	47	47	47	47	50	51	56	60	61	67	66	67	73	65·9	7·4
8	77	74	67	65	63	60	61	62	63	65	58	65	52	61	51	56	63	63	68	73	72	76	88	91	66·0	5·4
9	89	90	90	89	88	88	85	85	75	63	64	71	68	67	71	62	67	87	78	69	69	71	85	71	77·2	5·7
10	67	67	65	64	64	63	62	65	64	59	60	58	59	60	58	59	58	55	59	64	63	63	65	69	**62·1**	**4·9**
11	73	74	76	77	79	76	68	69	71	67	69	69	72	72	90	80	85	87	87	87	85	87	88	91	77·8	5·8
12	87	91	89	89	88	89	90	89	88	87	84	94	91	91	90	87	87	91	92	92	92	91	91	94	89·7	6·3
13	92	93	93	94	94	94	93	90	80	73	71	72	74	76	76	81	81	81	80	78	80	80	78	83	83·0	6·5
14	90	90	91	92	93	95	93	92	92	92	93	96	97	88	79	72	63	57	61	66	70	71	68	68	82·4	6·6
15	73	72	77	82	82	81	77	75	75	64	64	63	58	54	57	60	57	59	63	65	67	68	72	65	68·0	6·0
16	67	66	71	72	73	73	68	67	63	58	57	61	54	64	58	57	68	62	74	76	72	73	73	73	66·5	5·9
17	73	72	77	79	75	69	66	63	62	56	54	52	50	57	56	54	58	55	67	70	77	70	75	77	65·1	5·5
18	77	73	70	71	73	75	76	76	77	73	70	68	66	69	66	65	66	70	72	78	70	68	73	77	71·6	8·0
19	75	70	72	72	68	71	70	63	58	60	59	58	68	67	65	72	77	80	85	85	77	79	74	74	70·9	8·8
20	79	81	77	77	74	76	76	70	68	67	74	66	58	57	63	63	65	66	68	69	71	72	74	79	70·3	**11·0**
21	78	77	70	85	86	85	85	87	85	74	67	60	61	62	62	61	63	67	70	74	76	76	78	84	73·8	7·4
22	88	90	90	88	84	77	69	66	64	88	71	61	80	58	63	65	56	58	61	65	67	72	71	72	72·1	5·6
23	73	76	72	78	76	74	67	63	58	57	57	59	60	62	60	65	74	66	67	71	73	77	79	81	68·4	6·0
24	83	85	86	86	88	88	93	92	88	86	81	83	83	88	92	97	97	97	97	97	100	99	98	96	90·5	7·4
25	94	94	94	95	93	91	92	81	91	86	82	77	78	76	77	78	82	84	89	93	96	97	97	96	88·0	10·1
26	97	98	96	96	97	96	96	96	94	89	91	89	88	87	89	89	92	92	93	94	97	97	97	97	**93·6**	10·0
27	97	97	97	99	97	97	86	84	80	70	65	59	63	66	68	73	68	57	68	74	78	83	88	93	79·5	8·9
28	90	91	94	94	94	93	90	88	83	86	85	90	86	84	82	79	81	90	89	89	91	87	88	91	88·2	8·6
29	93	90	90	92	92	92	90	86	82	83	82	83	85	83	76	77	77	82	87	90	90	87	81	81	85·7	8·1
30	77	81	77	79	81	83	81	77	79	83	90	93	97	95	93	93	94	92	90	90	91	91	91	91	86·8	8·0
Mean ...	82·6	82·7	82·7	**83·9**	83·5	83·5	81·4	79·1	76·7	73·4	70·6	70·5	70·6	**70·3**	70·7	**70·3**	72·0	73·3	76·1	77·8	78·4	79·2	80·6	81·7	77·2	†7·2
Vapour Pressure* ...	mb. 6·9	mb. 6·8	mb. 6·7	mb. 6·8	mb. **6·7**	mb. 6·8	mb. 7·0	mb. 7·2	mb. 7·4	mb. 7·3	mb. 7·3	mb. 7·4	mb. 7·4	mb. **7·4**	mb. 7·4	mb. 7·3	mb. 7·3	mb. 7·3	mb. 7·2	mb. 7·1	mb. 7·0	mb. 7·0	mb. 6·9	mb. 6·9	mb. §7·1	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. § Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

47. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure*.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	91	96	93	93	93	92	92	89	89	89	88	82	86	84	83	78	79	80	85	90	90	90	91	91	88·1	8·4
2	91	91	90	89	91	91	83	83	85	86	86	92	91	91	90	94	89	94	94	91	93	93	91	91	90·0	8·1
3	91	93	91	93	96	95	94	91	92	94	94	90	92	93	90	89	86	77	78	82	85	89	85	84	89·5	7·1
4	86	85	81	82	78	74	71	67	65	62	63	64	64	62	59	59	60	64	68	71	73	70	73	78	70·1	**5·7**
5	78	90	91	91	91	91	90	92	92	92	94	90	88	87	84	81	78	76	80	75	74	70	71	73	84·2	6·9
6	80	85	84	87	88	85	76	70	70	71	70	68	74	72	70	72	75	74	78	81	79	80	79	77	76·8	6·4
7	78	76	78	79	79	84	88	89	93	95	95	97	98	97	97	96	97	97	97	97	97	97	98	98	91·1	8·1
8	91	91	91	94	91	89	89	89	91	89	91	90	90	90	90	91	88	88	88	86	81	83	84	87	89·1	7·6
9	88	89	89	88	86	76	76	78	71	74	74	74	76	76	77	77	80	82	83	84	86	86	87	90	81·1	7·4
10	90	93	93	95	97	99	99	100	97	98	98	97	94	93	91	87	87	88	87	87	91	89	93	94	93·1	10·2
11	96	92	94	96	96	96	97	97	92	89	89	82	88	89	88	89	91	87	88	87	91	91	90	90	91·1	10·3
12	87	85	83	83	85	82	80	75	67	66	76	63	68	72	73	75	73	70	74	83	83	86	85	84	77·5	9·1
13	92	94	95	95	95	94	97	98	97	94	96	96	94	82	78	61	53	50	53	62	69	71	74	76	82·1	9·7
14	75	78	75	79	77	78	84	78	71	68	71	69	73	78	76	82	78	82	80	82	85	83	84	80	77·7	9·5
15	82	88	86	88	83	76	73	66	62	59	56	56	64	61	59	47	56	58	63	66	66	66	65	70	**67·5**	9·3
16	71	79	85	86	87	85	80	69	70	76	76	78	76	78	73	72	71	62	69	76	72	70	71	75	75·2	8·8
17	76	79	72	72	73	72	67	62	67	63	67	64	66	72	69	70	72	69	70	69	70	75	83	86	70·8	8·7
18	89	92	91	94	93	94	89	78	79	80	87	77	82	84	86	79	76	75	75	83	90	93	97	98	85·6	10·0
19	97	96	97	97	97	95	95	92	92	94	93	97	97	97	92	87	90	90	94	94	89	89	89	88	93·5	9·7
20	90	88	86	86	86	86	89	88	87	89	86	84	83	85	88	89	89	90	90	92	93	93	94	97	88·5	9·2
21	99	100	100	99	100	100	98	100	100	100	100	100	100	99	97	97	99	99	99	98	99	100	97	97	**99·0**	10·5
22	98	97	97	98	98	100	99	98	98	97	98	95	83	80	73	74	69	71	75	82	85	83	84	82	88·4	**11·5**
23	85	87	89	89	88	83	79	74	78	79	66	66	62	59	59	67	70	72	75	88	93	92	91	88	78·2	10·7
24	84	84	86	87	85	81	82	79	77	74	69	70	66	63	64	65	68	72	81	88	89	90	92	93	78·6	9·7
25	92	93	93	97	97	95	93	93	97	95	96	92	93	96	100	99	87	84	84	83	83	86	86	84	91·8	9·9
26	81	82	82	84	84	85	78	77	83	92	92	92	91	82	83	85	86	89	89	84	90	90	80	83	85·2	9·1
27	87	82	83	84	87	91	92	87	84	82	79	53	49	45	43	42	44	47	53	68	75	78	82	80	70·8	10·1
28	85	86	83	72	76	86	86	86	87	88	89	93	93	94	95	93	97	97	97	98	100	100	100	100	90·5	10·2
29	100	100	100	100	99	97	96	99	96	91	91	92	90	88	85	88	85	85	79	85	93	94	97	94	92·8	11·2
30	97	97	97	99	96	96	96	94	92	91	93	93	94	93	94	96	92	90	92	94	94	93	91	89	94·0	10·3
31	88	89	86	88	86	86	87	93	94	96	96	99	100	99	100	100	100	100	99	97	96	96	93	92	94·1	9·9
Mean ...	87·6	88·9	88·4	**89·2**	89·0	88·2	86·9	84·9	84·4	84·3	84·5	82·4	82·7	82·0	81·8	80·0	79·5	**79·3**	81·2	84·0	85·6	86·0	86·4	86·7	84·7	†9·1
Vapour Pressure* ...	mb. 8·6	mb. 8·6	mb. 8·5	mb. **8·4**	mb. 8·6	mb. 8·8	mb. 9·1	mb. 9·1	mb. 9·2	mb. 9·3	mb. 9·5	mb. 9·4	mb. 9·6	mb. 9·6	mb. **9·7**	mb. 9·4	mb. 9·3	mb. 9·2	mb. 9·1	mb. 9·1	mb. 9·1	mb. 9·0	mb. 8·9	mb. 8·8	mb. §9·1	

48. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **June, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure*.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	89	87	87	87	86	84	80	76	77	72	71	73	69	69	67	65	62	68	72	65	76	70	80	76·1	7·9
2	85	84	81	79	79	81	76	81	71	64	65	57	61	54	57	57	59	61	66	70	74	76	81	78	70·7	7·3
3	80	79	76	75	75	70	65	61	58	59	57	61	62	62	65	69	69	73	77	76	78	78	86	88	70·6	**7·1**
4	89	89	91	91	91	86	78	78	75	70	72	67	68	72	73	74	75	77	76	78	83	85	81	79·2	8·2	
5	85	85	89	87	95	82	76	69	69	67	69	67	65	69	67	70	70	69	71	73	75	77	77	77	75·1	7·6
6	79	79	80	89	89	90	94	94	97	96	96	98	96	95	91	92	95	96	95	93	95	95	96	95	91·9	10·5
7	95	95	93	93	91	83	75	73	72	75	74	71	72	76	81	82	84	85	87	87	91	92	97	97	84·2	11·7
8	97	96	97	97	99	99	100	100	100	100	100	100	100	100	100	98	98	100	97	97	97	97	95	95	**98·3**	11·9
9	92	91	93	95	92	93	91	90	88	87	84	85	81	84	81	83	84	86	92	93	94	94	97	94	89·4	12·0
10	95	96	96	96	97	98	99	97	94	89	89	86	79	81	83	85	82	81	82	84	86	86	88	91	89·2	12·0
11	91	92	95	96	95	96	95	91	87	80	80	76	75	76	75	85	85	87	92	96	100	100	99	99	89·1	12·3
12	100	98	99	99	96	97	97	99	99	100	99	98	95	89	85	82	77	75	76	80	78	77	76	77	90·0	10·0
13	72	73	70	71	71	68	68	67	65	63	61	61	60	60	59	59	59	59	60	69	75	76	83	87	67·1	7·4
14	88	89	88	87	83	78	75	72	73	72	71	69	69	70	68	70	74	72	76	77	85	85	82	83	77·4	9·9
15	86	88	89	92	90	88	90	80	76	71	80	83	88	91	92	93	91	90	90	91	92	92	93	94	87·7	12·5
16	97	96	96	96	96	81	71	69	59	65	61	67	79	58	71	73	70	71	78	82	83	87	90	89	78·6	11·4
17	91	92	91	86	82	85	84	82	86	80	88	92	88	90	92	96	97	99	97	96	96	95	96	97	90·6	11·1
18	97	97	95	95	96	96	91	88	90	90	85	83	83	82	85	84	74	77	81	83	85	87	89	87	87·7	12·2
19	93	95	96	96	100	96	93	91	90	92	95	92	90	87	81	87	82	88	92	92	94	94	95	96	91·8	12·0
20	98	96	96	96	98	83	74	72	68	70	69	69	68	70	67	71	63	66	69	70	77	82	80	81	77·5	11·6
21	85	95	85	86	84	82	67	69	65	66	55	60	60	59	61	62	66	59	66	71	77	79	86	87	72·0	10·3
22	89	89	89	92	89	86	81	82	71	67	64	73	70	77	79	80	76	76	88	87	89	85	87	87	81·4	10·6
23	86	88	89	93	95	91	87	84	83	82	81	82	78	83	78	80	81	81	85	86	89	88	85	85	85·0	11·9
24	86	85	87	89	85	82	87	82	73	69	68	60	56	70	74	76	76	76	76	77	84	88	81	83	78·0	12·6
25	79	79	72	66	69	61	61	55	55	51	51	55	57	61	62	69	73	68	76	78	84	79	81	83	67·7	11·8
26	82	73	70	75	76	77	73	75	79	77	81	81	74	71	68	67	64	68	71	76	79	81	82	83	75·1	**14·3**
27	87	85	84	83	79	74	70	69	65	68	76	76	77	78	74	61	64	63	75	85	80	82	75	75	75·4	11·3
28	75	79	77	82	75	75	64	59	64	66	76	85	90	86	89	86	72	74	75	78	79	84	82	85	77·2	10·7
29	81	82	80	82	83	76	79	68	51	50	50	51	67	62	51	53	55	59	58	68	77	78	88	87	68·1	11·5
30	80	77	77	75	72	69	64	62	60	56	55	52	49	60	64	68	52	51	60	57	59	65	69	68	**63·8**	8·9
Mean ...	87·6	**87·7**	86·9	87·5	87·0	83·0	80·3	78·0	75·4	74·1	74·1	74·4	74·3	74·0	74·7	75·9	74·4	74·9	78·4	80·7	83·2	84·6	85·7	86·3	80·2	†10·7
Vapour Pressure* ...	mb. 10·2	mb. 10·1	mb. **9·9**	mb. 9·9	mb. 10·1	mb. 10·4	mb. 10·6	mb. 10·5	mb. 10·5	mb. 10·6	mb. 10·7	mb. 10·9	mb. 10·9	mb. 10·8	mb. 10·9	mb. **10·9**	mb. 10·8	mb. 10·7	mb. 10·7	mb. 10·8	mb. 10·6	mb. 10·6	mb. 10·5	mb. 10·3	mb. §10·5	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. § Mean of the row.

RELATIVE HUMIDITY.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

49. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **July, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	73	72	70	66	66	68	69	66	63	63	60	60	55	65	77	72	75	78	71	73	75	75	81	84	**69·5**	**9·8**
2	81	91	93	92	93	92	95	95	94	87	81	80	73	73	70	69	72	75	75	79	81	81	81	80	82·7	11·9
3	79	80	80	79	78	81	79	67	67	63	59	53	49	66	62	61	65	71	77	82	88	91	96	96	73·4	11·3
4	96	94	92	92	90	90	90	86	86	80	77	67	64	64	49	63	51	55	55	61	67	70	72	73	74·8	11·1
5	76	80	81	78	77	75	66	64	61	60	56	64	78	71	69	81	86	85	90	90	93	94	95	91	77·2	11·4
6	93	95	95	97	97	97	97	94	91	84	78	63	65	61	58	80	74	86	90	85	87	90	92	90	85·0	11·6
7	90	90	92	95	94	92	90	87	90	85	90	88	74	76	68	60	58	72	63	76	79	74	73	73	80·7	12·7
8	75	72	73	80	77	71	67	68	63	65	70	73	87	88	88	91	95	98	96	93	89	95	90	89	81·0	12·1
9	88	88	90	90	90	88	83	77	75	82	86	88	85	84	75	78	78	78	75	80	87	88	92	94	84·0	12·7
10	93	92	92	91	92	89	87	83	82	75	66	72	80	92	96	96	95	94	93	90	94	93	95	96	88·6	13·8
11	96	95	95	95	95	89	86	79	72	70	78	72	71	68	57	67	54	55	56	65	68	75	83	86	76·3	**15·7**
12	89	90	90	94	93	92	84	85	84	82	80	82	78	81	79	78	80	81	82	83	90	92	93	93	85·5	14·7
13	93	92	91	92	87	84	80	78	74	71	66	65	66	64	84	88	89	90	93	91	93	87	79	86	82·8	14·4
14	84	85	79	78	81	75	75	72	67	66	68	71	67	66	66	64	69	70	73	73	73	75	78	81	73·3	12·3
15	83	83	85	85	86	86	86	84	77	80	75	73	75	73	77	74	78	80	81	81	83	82	80	77	80·3	14·1
16	77	78	73	76	75	76	76	82	88	85	81	80	75	70	60	57	58	61	67	68	69	70	70	70	72·7	12·4
17	74	79	79	83	85	84	74	68	65	65	62	66	75	66	71	82	76	85	77	79	83	86	88	88	76·3	12·4
18	89	88	89	89	87	84	80	75	73	68	65	65	82	73	87	88	88	88	75	84	85	90	90	89	82·1	12·7
19	88	89	91	91	89	88	82	78	71	72	68	70	85	80	82	86	93	81	78	82	85	88	88	89	83·5	12·8
20	90	88	91	92	91	85	82	78	75	73	79	83	80	80	82	80	83	84	90	91	92	92	91	90	85·1	11·7
21	88	90	90	91	91	84	76	76	75	70	73	72	75	81	82	82	89	91	93	95	93	93	93	95	85·1	11·9
22	93	95	95	95	95	95	94	91	89	88	88	84	77	75	74	78	80	84	87	88	90	92	89	88	87·8	13·0
23	89	90	87	89	89	90	81	73	76	69	78	68	67	78	81	79	61	80	85	87	71	76	70	73	78·9	12·3
24	75	77	73	78	81	84	77	67	66	63	62	65	75	64	67	75	82	79	78	83	85	91	89	86	75·6	10·4
25	84	87	90	90	87	85	84	72	70	74	81	75	88	75	68	71	71	74	77	79	82	84	85	87	80·0	11·0
26	87	86	85	87	94	91	86	83	78	81	81	78	74	69	68	68	70	71	74	78	81	85	85	86	80·3	10·8
27	86	85	85	86	86	86	84	78	72	72	75	73	69	67	66	64	69	69	73	80	81	82	86	82	77·4	10·7
28	83	85	83	84	84	84	82	81	82	81	80	82	83	87	86	86	88	92	93	96	96	95	94	93	86·4	12·3
29	97	95	95	95	94	96	96	96	96	97	95	94	93	92	91	92	92	93	94	96	99	99	99	98	95·1	13·9
30	97	98	97	98	97	98	97	98	97	99	98	92	92	93	89	92	94	94	96	97	98	99	97	99	**96·1**	14·6
31	98	97	98	97	96	96	92	91	68	70	62	59	60	56	59	57	59	75	76	75	78	81	84	91	78·3	14·0
Mean ..	86·6	87·3	87·1	**87·9**	87·6	86·3	83·1	79·7	77·0	75·7	74·8	**73·7**	74·7	74·1	73·8	76·1	76·5	79·6	80·1	82·6	84·4	86·3	86·4	86·9	81·2	†12·5
Vapour Pressure* ..	mb. 11·8	mb. 11·7	mb. **11·6**	mb. 11·7	mb. 11·8	mb. 12·1	mb. 12·3	mb. 12·3	mb. 12·2	mb. 12·4	mb. 12·7	mb. 12·6	mb. 12·9	mb. 12·9	mb. 12·7	mb. 12·8	mb. 12·8	mb. **13·0**	mb. 12·9	mb. 12·8	mb. 12·7	mb. 12·6	mb. 12·4	mb. 12·1	mb. §12·4	

50. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **August, 1924.**

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	87	90	91	94	95	92	86	87	91	94	90	93	87	84	80	79	85	90	92	90	90	90	88	89	89·0	14·1
2	90	91	93	90	90	90	83	77	76	72	69	74	69	68	75	74	75	74	75	72	81	86	86	87	79·9	12·9
3	86	82	85	85	85	76	74	74	72	70	67	66	69	78	73	67	72	83	87	87	87	88	87	87	78·6	11·8
4	85	82	79	80	81	81	69	63	66	64	69	59	59	62	63	62	49	53	62	66	68	71	69	73	68·4	12·0
5	77	84	92	92	95	94	89	83	87	85	91	88	79	83	81	74	73	70	73	73	72	67	70	72	81·0	13·0
6	71	76	75	73	76	73	71	70	65	64	60	61	58	69	62	58	54	57	59	62	63	70	67	69	**66·0**	10·2
7	69	69	70	71	71	71	68	69	66	63	65	64	63	62	64	58	59	61	62	70	75	76	77	74	67·3	**9·8**
8	71	73	73	77	79	75	71	72	68	63	61	64	62	65	66	67	67	07	70	74	77	77	76	81	70·5	11·4
9	83	78	79	79	82	85	76	73	71	66	66	66	63	62	60	59	58	62	64	77	77	83	82	83	72·0	12·5
10	86	76	80	82	84	82	75	71	73	70	72	68	66	67	69	68	74	77	79	83	83	80	79	82	76·1	12·5
11	82	84	85	87	84	84	85	84	77	73	81	69	73	73	74	77	80	79	86	83	84	86	88	88	81·0	13·6
12	90	90	88	90	88	86	83	79	72	70	70	67	66	69	69	69	74	78	79	80	82	84	87	90	79·1	13·8
13	89	89	91	90	90	92	89	88	83	82	79	79	77	78	80	88	84	85	86	88	81	88	88	88	85·5	13·1
14	87	88	90	90	92	90	91	88	87	80	75	74	73	76	75	77	82	85	87	89	90	91	91	90	84·9	13·5
15	87	87	84	82	83	80	83	80	68	61	57	61	63	61	61	71	74	60	73	68	70	73	74	76	72·7	11·3
16	80	84	85	87	90	90	84	80	79	77	76	72	71	72	75	78	81	83	87	90	90	90	92	92	82·4	12·2
17	91	90	91	88	88	85	81	73	74	68	67	69	79	82	83	85	87	82	87	87	87	91	91	91	83·2	11·5
18	90	87	90	89	86	87	85	83	81	80	83	83	84	85	90	91	89	92	87	87	86	87	86	87	86·5	11·7
19	86	86	85	82	83	86	87	85	88	88	91	90	87	84	86	85	89	88	90	90	93	94	93	92	87·7	12·5
20	92	91	91	91	90	92	93	89	85	82	82	78	82	83	85	87	88	91	92	92	95	92	93	92	88·7	12·4
21	94	92	96	96	96	96	93	94	93	90	89	90	87	88	88	89	90	91	92	93	95	94	94	95	92·2	13·3
22	97	96	94	94	96	95	95	92	94	90	91	89	89	85	85	89	89	90	88	91	90	91	87	85	91·1	13·4
23	90	95	92	87	90	90	90	81	81	83	81	75	89	81	78	82	84	84	87	88	90	89	90	88	86·0	11·6
24	88	91	89	91	91	87	90	88	82	79	78	74	81	79	88	86	83	84	85	88	90	90	92	91	86·0	12·2
25	91	91	91	89	89	88	87	80	77	75	72	74	73	75	78	67	71	73	78	76	82	80	76	72	79·8	11·9
26	79	79	78	79	78	76	73	70	67	66	71	71	68	73	70	71	81	87	90	87	90	85	87	87	77·3	10·5
27	89	85	89	89	87	87	88	84	75	70	74	71	80	73	70	71	73	68	76	83	80	85	87	85	80·0	10·1
28	86	85	88	93	93	93	87	84	82	78	83	82	86	89	89	90	91	92	92	92	94	94	96	96	88·7	12·3
29	96	96	95	95	98	96	96	98	95	91	87	87	82	80	79	75	78	80	85	86	89	91	94	94	89·3	14·1
30	95	93	95	95	95	96	95	95	85	86	75	73	79	77	79	77	79	81	85	88	89	88	91	91	86·8	13·4
31	95	92	92	94	91	92	91	93	95	99	96	97	96	99	98	99	96	98	99	98	98	97	97	96	**95·6**	**14·2**
Mean ...	86·4	86·2	87·0	87·1	**87·6**	86·7	84·1	81·5	79·2	76·7	76·4	**74·9**	75·5	76·2	76·5	76·5	77·7	78·9	81·7	83·2	84·5	85·4	85·6	85·9	81·7	†12·3
Vapour Pressure* ..	mb. 11·8	mb. 11·7	mb. 11·7	mb. **11·6**	mb. 11·6	mb. 11·9	mb. 12·2	mb. 12·3	mb. 12·5	mb. 12·6	mb. 12·7	mb. 12·7	mb. 12·8	mb. 12·9	mb. **12·9**	mb. 12·8	mb. 12·9	mb. 12·7	mb. 12·7	mb. 12·5	mb. 12·3	mb. 12·2	mb. 12·0	mb. 11·9	mb. §12·3	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. § Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

51. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **September, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	96	96	96	95	94	94	91	88	89	82	76	73	69	69	82	93	86	81	88	87	90	90	90	88	87·0	13·8
2	88	86	88	90	91	91	90	88	86	81	87	90	89	93	94	96	95	99	100	100	100	99	100	99	92·3	13·8
3	99	98	96	96	96	96	98	94	88	93	87	70	61	65	74	84	87	86	88	92	95	90	92	95	88·4	13·4
4	96	96	96	96	96	97	96	97	98	86	82	83	82	79	74	77	72	71	84	83	85	87	91	93	87·4	11·5
5	96	97	97	96	96	96	97	96	94	86	87	87	91	91	92	92	93	95	96	98	99	100	99	98	94·4	13·6
6	96	95	96	95	95	93	92	90	82	80	84	82	85	87	88	93	98	95	98	96	96	94	96	95	91·8	14·2
7	95	96	95	95	95	96	98	99	99	96	95	96	94	87	92	93	95	99	98	97	99	98	97	97	95·8	**14·6**
8	96	97	97	97	97	98	98	98	97	96	96	98	95	96	96	97	96	97	98	96	94	92	96	96	**96·4**	14·5
9	95	96	95	95	96	95	94	95	96	92	96	95	92	88	84	81	87	82	85	81	83	83	77	78	89·6	11·1
10	81	84	88	86	84	84	81	75	80	76	69	66	76	69	71	65	67	75	81	87	87	92	88	91	79·0	**7·7**
11	84	80	87	93	97	100	97	95	93	91	69	63	56	55	50	54	56	64	64	69	66	70	72	77	75·4	10·0
12	82	80	86	83	81	80	82	79	80	81	70	69	73	78	76	72	82	83	89	86	88	89	95	90	81·1	12·2
13	88	86	83	84	83	82	78	78	70	67	64	63	59	54	51	55	65	64	76	76	77	80	80	81	72·9	10·5
14	76	85	83	86	80	80	77	73	69	73	73	70	61	62	62	68	71	70	67	66	70	72	72	72	72·6	9·1
15	68	70	72	76	83	83	82	79	79	88	86	86	82	84	83	80	80	86	90	91	85	85	82	82	81·5	10·4
16	78	79	79	79	83	84	80	76	71	71	60	62	62	78	85	76	81	91	90	90	90	91	89	80	79·4	11·6
17	70	79	77	78	75	77	79	78	76	80	81	79	91	78	56	51	56	56	64	63	66	67	70	74	71·8	10·3
18	72	70	67	59	59	63	65	62	59	56	56	51	50	50	52	51	53	58	63	70	76	77	76	76	**62·1**	8·6
19	77	83	80	83	85	84	82	79	80	73	62	62	63	61	62	61	66	73	82	85	85	86	83	84	75·7	10·0
20	86	85	88	92	93	94	93	92	85	73	68	69	70	69	73	76	82	83	82	83	87	87	87	91	82·7	10·6
21	93	96	97	97	97	96	93	87	80	74	72	60	59	56	54	55	58	63	69	77	79	81	81	85	77·6	10·0
22	83	87	88	84	88	90	89	87	83	65	64	69	66	66	68	69	75	73	73	81	85	87	83	88	78·7	8·3
23	87	89	90	89	92	92	88	82	87	84	92	89	84	89	92	92	96	97	97	97	93	94	92	93	90·6	9·4
24	92	93	96	94	93	91	90	89	87	85	80	75	71	75	70	71	85	87	91	85	86	85	87	90	85·4	9·4
25	86	86	86	86	91	89	86	85	74	70	72	68	71	67	72	75	73	78	84	90	94	92	93	92	81·6	9·1
26	93	92	92	93	93	97	94	93	87	84	84	84	83	84	88	99	99	99	100	100	99	99	99	97	92·9	10·9
27	96	97	94	97	94	94	89	82	76	69	62	62	60	56	56	59	62	65	68	73	76	81	87	89	77·0	9·2
28	87	87	88	90	92	95	84	85	85	81	80	81	77	78	62	66	68	70	73	76	75	78	84	87	80·4	10·3
29	88	89	90	89	90	90	89	89	87	89	92	98	95	95	96	92	91	85	85	85	87	88	84	84	89·5	12·5
30	89	83	79	84	87	92	91	88	88	82	83	81	78	86	87	89	91	90	84	87	87	92	95	95	86·8	12·0
Mean ..	87·1	87·9	88·2	88·6	89·2	**89·8**	88·1	85·9	83·5	80·1	77·6	76·0	74·8	74·8	**74·7**	76·1	78·9	80·5	83·6	84·9	86·0	86·9	87·2	87·9	83·3	†11·1
Vapour Pressure* ..	mb. 10·6	mb. 10·5	mb. 10·5	mb. **10·4**	mb. 10·4	mb. 10·4	mb. 10·6	mb. 10·9	mb. 11·2	mb. 11·3	mb. 11·3	mb. **11·5**	mb. 11·4	mb. 11·5	mb. 11·3	mb. 11·4	mb. 11·4	mb. 11·2	mb. 11·1	mb. 11·0	mb. 10·9	mb. 10·9	mb. 10·7	mb. 10·7	mb. §11·0	

52. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **October, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	95	95	92	93	92	96	95	88	78	65	65	63	66	67	68	72	70	71	75	76	76	82	87	80·2	10·0
2	86	86	86	86	85	88	86	85	83	82	80	79	80	74	78	83	83	84	90	91	93	93	93	93	85·2	11·5
3	94	96	95	93	95	94	94	91	90	80	81	78	77	81	80	84	85	88	86	91	94	95	95	94	88·8	11·7
4	95	97	95	95	95	93	91	91	90	92	89	89	85	90	83	87	89	92	92	93	93	90	93	95	91·4	11·9
5	95	94	95	97	97	96	95	96	96	97	97	99	99	97	97	99	99	97	96	97	97	96	93	91	**96·4**	**12·8**
6	91	93	91	95	93	92	91	88	82	71	70	59	62	66	66	72	72	78	78	85	89	91	92	92	81·6	9·9
7	92	91	90	87	86	84	80	76	74	66	63	58	59	57	60	64	66	72	74	80	83	81	82	84	75·5	8·3
8	84	84	88	90	92	90	90	88	80	76	73	64	64	70	66	70	79	84	88	85	82	81	82	81	80·5	8·1
9	82	77	84	81	90	84	85	83	76	71	67	70	72	69	69	77	80	79	86	91	92	96	95	94	81·0	8·7
10	95	96	96	91	92	95	94	95	95	93	91	83	83	67	85	86	72	72	78	82	82	84	89	92	87·0	10·9
11	96	93	92	88	86	89	91	85	82	77	73	68	69	73	77	78	81	84	84	88	85	86	83	87	83·2	10·4
12	86	84	83	81	83	78	73	71	76	70	65	62	64	63	64	66	72	70	77	77	74	78	78	81	74·1	9·9
13	82	87	84	88	89	90	89	88	87	83	81	78	79	71	72	81	86	88	93	92	92	93	95	94	85·6	10·3
14	99	100	100	97	98	100	98	100	97	95	92	90	90	91	93	96	93	89	92	95	98	99	99	99	95·7	12·1
15	99	95	93	92	91	88	93	97	99	92	89	87	89	88	89	90	91	91	91	92	92	91	90	90	91·8	11·7
16	90	90	92	93	94	96	94	93	92	86	82	80	79	79	81	83	84	85	88	76	77	72	76	76	85·2	10·8
17	77	75	77	75	73	73	74	75	70	67	65	62	60	59	59	66	71	76	80	82	84	86	85	81	**72·9**	7·6
18	80	84	81	82	82	82	84	82	81	77	76	73	68	67	71	75	77	82	84	84	86	86	81	82	79·4	8·0
19	85	92	92	96	98	98	96	97	99	99	99	97	97	95	93	91	93	95	96	96	90	90	90	90	94·2	11·6
20	92	93	92	92	84	84	81	82	84	93	88	86	72	74	73	70	77	76	77	76	81	83	82	85	82·5	9·0
21	86	88	89	85	77	77	77	70	64	64	60	58	56	58	59	62	65	67	80	80	83	88	87	81	73·5	**6·3**
22	87	87	88	85	85	89	88	90	89	86	79	71	70	68	71	68	68	72	77	78	82	83	79	80	80·0	6·5
23	79	80	79	82	83	84	84	84	83	82	77	77	78	80	80	82	85	86	85	82	83	85	88	89	82·2	8·6
24	90	87	86	83	85	83	82	83	75	75	74	74	76	77	76	77	75	75	77	76	76	75	75	72	78·9	8·3
25	73	68	65	71	67	64	67	68	69	69	75	84	89	84	92	93	87	88	88	89	89	91	83	83	78·8	8·9
26	84	86	87	86	90	91	86	84	82	78	77	77	78	82	82	84	85	86	90	90	93	93	95	97	85·7	8·9
27	98	94	94	97	97	96	96	96	97	97	93	90	88	86	87	89	91	91	92	91	88	88	91	91	92·5	9·9
28	91	92	93	93	93	92	91	92	91	89	86	86	83	85	82	85	86	89	90	93	92	93	94	94	89·7	9·6
29	95	94	93	92	93	96	93	97	96	96	97	96	97	95	95	95	96	97	96	96	96	96	95	92	95·2	11·4
30	93	91	84	83	92	90	87	92	89	83	82	83	87	86	90	90	95	95	93	95	95	96	95	92	89·9	10·1
31	92	92	91	89	90	92	92	89	88	87	88	86	79	72	66	69	77	81	83	80	85	84	83	85	84·3	9·2
Mean ..	**89·1**	**89·1**	88·7	88·3	88·0	88·4	87·7	87·2	85·0	82·3	79·8	77·7	77·2	**76·5**	77·5	80·0	81·7	83·2	85·5	86·4	87·2	87·7	87·7	87·9	84·6	†9·8
Vapour Pressure* ..	mb. 9·6	mb. 9·6	mb. 9·4	mb. 9·4	mb. 9·3	mb. 9·2	mb. **9·2**	mb. 9·3	mb. 9·5	mb. 9·7	mb. 9·8	mb. 9·8	mb. 9·9	mb. 9·9	mb. 10·0	mb. **10·1**	mb. 10·0	mb. 9·9	mb. 9·9	mb. 9·8	mb. 9·7	mb. 9·6	mb. 9·6	mb. 9·5	mb. §9·7	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. § Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

53. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) = 12·5 metres. **November, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	88	85	86	85	86	87	93	93	89	80	76	75	73	72	77	80	82	81	81	89	93	96	93	97	84·6	8·8
2	94	97	97	96	96	94	97	97	95	96	95	92	86	83	83	85	86	86	82	81	82	80	79	80	89·5	8·4
3	75	70	72	74	76	73	74	79	87	87	91	92	91	84	73	71	75	76	77	92	82	78	82	88	79·8	**6·2**
4	84	89	80	83	74	72	73	72	73	72	71	70	73	75	76	75	76	76	77	78	82	80	84	82	77·1	6·5
5	80	80	82	82	82	82	81	84	81	77	73	70	70	71	73	76	77	75	79	82	77	81	83	80	78·3	8·8
6	79	79	79	80	80	78	79	80	81	82	83	83	82	83	85	86	88	89	89	89	89	88	94	96	83·9	9·2
7	90	92	90	92	90	87	86	85	85	85	82	81	79	82	79	82	83	84	84	83	84	85	84	89	85·3	9·1
8	89	88	90	86	88	86	82	82	82	79	79	80	78	84	92	97	94	97	96	96	98	97	98	95	88·7	9·5
9	95	94	97	96	97	97	93	99	95	93	89	84	87	87	89	84	81	81	81	82	79	79	82	83	88·7	9·8
10	83	83	82	83	83	83	83	84	84	87	88	91	91	91	91	91	91	89	92	93	93	93	96	95	88·1	10·2
11	95	94	94	93	94	94	93	92	92	92	96	95	95	93	92	92	93	96	97	97	97	96	96	96	94·3	10·9
12	85	85	87	84	76	84	84	82	79	77	75	75	71	71	72	80	85	87	86	89	89	90	90	89	82·3	7·4
13	90	89	90	91	90	89	94	94	95	99	97	99	97	95	95	96	96	96	99	99	97	97	96	96	94·7	8·7
14	97	97	96	97	95	93	94	93	90	92	91	90	86	85	83	89	90	88	80	80	79	80	76	80	88·7	9·3
15	78	77	74	72	76	75	74	70	70	70	69	73	75	72	73	73	75	69	71	71	71	71	74	77	**73·0**	7·7
16	75	79	81	77	82	84	84	81	77	72	73	75	73	74	78	81	81	84	87	81	82	80	81	82	79·2	6·9
17	87	82	83	88	91	89	90	89	90	90	85	84	80	81	83	87	89	90	94	88	89	88	86	89	87·0	7·2
18	87	81	82	92	89	86	89	83	81	74	75	68	71	74	71	72	76	72	72	78	76	74	78	75	78·5	7·9
19	75	78	82	81	76	81	77	78	78	83	82	79	79	80	82	90	88	88	86	82	86	93	90	85	82·3	8·6
20	82	83	79	84	83	85	89	86	83	73	72	82	84	85	83	91	87	86	85	85	75	78	84	82	82·8	10·0
21	81	82	85	85	86	87	87	86	83	86	86	84	81	70	66	70	73	79	85	85	82	75	85	82	81·3	9·5
22	75	86	75	78	82	84	83	83	85	90	87	88	89	93	93	93	96	95	98	97	90	88	86	86	87·4	9·6
23	83	82	81	82	81	79	81	88	86	93	92	96	94	97	94	94	93	93	95	94	94	97	99	98	90·0	9·1
24	98	96	90	88	91	93	90	89	89	84	80	78	80	81	81	84	84	87	87	87	88	87	88	89	87·2	10·5
25	89	88	87	89	89	91	92	89	89	88	88	90	89	89	88	88	92	90	92	93	93	95	95	96	90·2	10·2
26	95	96	97	97	98	98	97	98	96	96	96	96	97	97	96	96	98	96	93	91	92	94	94	95	**95·8**	**11·5**
27	92	93	93	93	95	91	89	89	92	87	86	92	88	89	93	92	92	90	92	92	91	88	90	82	90·7	10·3
28	84	82	80	80	78	78	81	82	81	79	78	76	74	74	77	82	78	80	76	76	76	80	77	77	78·7	7·5
29	77	74	72	71	69	72	77	86	89	97	95	88	86	85	87	87	92	93	92	91	93	95	96	93	85·4	9·0
30	93	94	93	92	92	92	94	94	93	92	93	93	91	91	91	92	92	91	92	95	92	93	93	92	92·5	10·6
Mean ...	85·8	85·8	85·2	85·7	85·5	85·5	86·0	86·2	85·7	85·1	84·1	84·0	83·0	**82·9**	83·2	85·2	86·1	86·1	86·6	87·2	86·4	86·5	**87·6**	87·5	85·5	†9·0
Vapour Pressure* ...	mb. 8·8	mb. 8·8	mb. 8·7	mb. 8·6	mb. 8·6	mb. **8·5**	mb. 8·6	mb. 8·7	mb. 8·7	mb. 8·9	mb. 9·0	mb. 9·1	mb. 9·2	mb. 9·2	mb. 9·2	mb. **9·2**	mb. 9·1	mb. 9·0	mb. 9·0	mb. 9·0	mb. 8·9	mb. 9·0	mb. 9·0	mb. 9·0	mb. ‡8·9	

54. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **December, 1924.**

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	85	88	89	92	90	91	93	94	94	93	92	90	92	91	92	93	93	96	96	95	92	90	89	89	**91·7**	9·5
2	94	96	96	96	95	94	93	93	96	93	94	97	92	89	83	87	88	86	88	90	89	80	75	89	90·5	10·1
3	87	80	74	83	85	86	92	94	97	98	96	96	92	91	93	92	92	92	94	93	94	97	97	95	91·1	9·7
4	95	96	95	93	90	90	87	88	88	87	86	87	86	87	84	87	94	96	95	95	95	95	96	97	91·2	10·1
5	97	99	95	96	92	86	87	88	91	91	87	86	80	79	78	78	79	81	80	83	85	78	83	87	86·3	8·6
6	88	88	90	84	83	77	72	79	82	72	74	74	72	75	73	78	80	78	80	79	86	92	90	90	80·6	7·7
7	91	93	92	88	87	87	90	89	89	87	85	79	79	82	78	79	85	85	86	82	80	86	89	88	85·7	10·1
8	88	91	89	89	89	84	87	83	83	81	78	78	83	86	89	89	92	94	96	100	97	96	96	93	88·7	9·6
9	93	92	92	91	92	92	92	85	75	76	79	82	80	79	80	86	88	86	80	78	82	90	94	97	85·8	9·1
10	91	91	89	90	90	91	91	89	88	87	88	88	85	86	88	88	91	88	87	88	90	88	88	86	88·8	10·0
11	89	89	93	92	87	87	87	93	93	94	93	93	94	93	95	93	88	89	88	89	92	92	92	93	91·0	9·3
12	94	89	88	86	84	84	84	83	82	87	87	88	88	86	88	90	90	90	87	86	84	86	87	88	87·0	10·5
13	91	86	87	83	81	85	79	**83**	80	82	87	88	87	84	84	87	88	89	90	81	79	77	78	84	84·3	9·4
14	85	84	81	83	81	87	85	84	83	85	83	84	79	80	80	84	82	83	84	86	85	85	84	85	83·4	6·4
15	85	85	85	84	85	84	85	83	89	88	92	84	83	82	82	80	85	86	86	89	97	96	89	92	86·4	7·2
16	98	96	94	97	96	97	96	97	96	97	87	87	85	84	81	82	87	89	86	85	84	89	89	90	90·4	8·9
17	93	87	84	84	83	88	88	92	90	88	90	89	86	89	90	89	91	88	92	92	92	88	88	85	88·7	9·4
18	85	84	82	82	83	83	81	81	77	78	78	76	74	75	75	75	80	81	80	75	70	82	83	81	79·3	**10·5**
19	81	75	76	73	77	75	63	62	60	66	65	68	65	75	75	80	80	82	86	84	86	88	87	86	**75·5**	8·2
20	84	83	82	81	83	86	86	87	87	86	78	77	75	84	83	87	87	87	89	89	92	91	94	92	85·3	9·8
21	93	94	93	91	91	89	92	89	92	88	85	81	78	84	82	79	73	73	76	75	77	78	77	78	84·0	8·9
22	78	78	82	82	80	76	77	78	81	79	80	83	83	82	81	80	82	82	85	86	86	80	70	69	80·2	7·5
23	72	80	87	84	91	89	93	95	94	96	87	75	69	73	69	72	76	76	80	86	82	80	80	82	81·7	9·1
24	82	84	86	88	87	84	87	88	92	95	93	90	87	85	86	85	89	87	89	86	82	81	81	86	86·6	8·0
25	84	81	83	83	81	75	75	68	67	70	71	69	75	79	80	82	85	77	83	88	85	86	89	86	79·3	6·8
26	88	84	88	87	91	94	94	96	94	93	93	93	93	94	94	85	88	86	82	83	86	84	80	82	88·9	8·3
27	90	92	89	89	94	90	88	94	92	89	77	69	59	60	70	78	67	69	70	73	74	78	79	79	79·6	7·6
28	78	78	78	77	84	84	84	84	84	84	81	73	71	75	83	80	78	76	77	75	77	83	87	85	79·7	6·0
29	85	84	82	84	83	84	73	74	80	77	82	82	84	78	81	82	80	82	84	87	85	87	86	89	82·2	7·0
30	87	83	87	81	84	81	76	76	82	78	76	71	70	74	73	72	77	79	73	71	71	72	79	78	77·4	6·2
31	80	78	72	72	64	74	83	83	94	92	86	77	77	71	76	76	75	75	76	73	76	78	81	81	77·9	**5·5**
Mean ...	**87·5**	86·7	86·5	86·0	85·9	85·6	85·2	85·5	86·2	85·7	84·2	82·4	**80·7**	81·7	82·1	83·1	84·2	84·1	84·7	84·6	84·9	85·6	85·7	86·5	84·8	†8·5
Vapour Pressure* ...	mb. 8·6	mb. 8·6	mb. **8·7**	mb. 8·6	mb. 8·5	mb. 8·4	mb. **8·3**	mb 8·3	mb. 8·4	mb. 8·5	mb. 8·5	mb. 8·5	mb. 8·4	mb. 8·4	mb. 8·4	mb. 8·3	mb. 8·4	mb. 8·4	mb. 8·5	mb. 8·5	mb. 8·5	mb. 8·5	mb. 8·5	mb. 8·5	mb. ‡8·5	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

HUMIDITY : ANNUAL MEANS OF HOURLY VALUES.

From the monthly means for exact hours, Greenwich Mean Time.

55. Aberdeen : North Wall Screen on Tower : h_t (height of thermometer bulbs above the ground) 12·5 metres. **1924.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14	15.	16	17.	18.	19	20.	21.	22.	23.	24.	Mean
Relative Humidity ...	% 85·6	% 85·8	% 85·7	% 86·0	% **86·0**	% 85·6	% 84·3	% 83·0	% 81·6	% 80·0	% 78·6	% 77·3	% 76·9	% **76·9**	% 77·1	% 77·0	% 78·8	% 80·9	% 81·6	% 82·9	% 83·9	% 84·4	% 85·0	% 85·3	% 82·1
Vapour Pressure, in millibars	mb. 8·8	mb. 8·8	mb. 8·7	mb. **8·7**	mb. 8·7	mb. 8·8	mb. 8·9	mb. 9·0	mb. 9·1	mb. 9·2	mb. 9·2	mb. 9·3	mb. 9·4	mb. **9·4**	mb. 9·4	mb. 9·3	mb. 9·3	mb. 9·3	mb. 9·2	mb. 9·2	mb. 9·1	mb. 9·1	mb. 9·0	mb. 8·9	mb. 9·1

RELATIVE HUMIDITY : MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

56. Aberdeen : North Wall Screen on Tower : h_t = 12·5 metres. **1924.**

Month.	Mean.	Hour 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Jan.	84·8	**+1·3**	+1·2	+1·1	+0·3	+0·1	+0·2	−0·1	+0·4	+0·7	−0·3	−0·6	**−1·7**	−1·1	−1·3	−1·3	−0·2	−0·3	+0·5	−0·3	−0·1	+0·7	−0·4	+1·0	+0·2
Feb.	77·8	+0·4	+1·9	**+2·3**	+1·6	+1·6	+1·1	+1·7	+1·4	+1·8	+1·6	−0·8	−2·7	**−4·1**	−3·7	−3·9	−3·7	−2·5	−0·6	+0·1	+1·1	+1·6	+1·3	+1·2	+1·3
Mar.	79·3	+2·8	+2·3	+2·1	+3·6	+4·5	**+5·8**	+5·6	+4·3	+2·4	−1·0	−4·0	−6·1	−7·1	−7·0	**−7·2**	−6·5	−4·0	−1·8	+0·1	+0·9	+2·0	+2·4	+3·1	+2·9
April	**77·2**	+5·5	+5·6	+5·6	**+6·8**	+6·4	+6·3	+4·3	+2·0	−0·4	−3·7	−6·5	−6·6	−6·5	−6·8	−6·4	**−6·8**	−5·1	−3·9	−1·1	+0·6	+1·3	+2·0	+3·4	+4·5
May	84·7	+2·9	+4·2	+3·7	**+4·4**	+4·2	+3·5	+2·2	+0·1	−0·4	−0·5	−0·3	−2·3	−2·0	−2·8	−2·9	−4·7	−5·2	**−5·4**	−3·6	−0·8	+0·9	+1·3	+1·6	+2·0
June	80·2	+7·1	**+7·2**	+6·4	+7·1	+6·5	+3·2	−0·1	−2·4	−4·9	−6·1	**−6·2**	−5·8	−5·9	−5·5	−5·4	−4·1	−5·7	−5·1	−1·5	+0·7	+3·3	+4·7	+5·9	+6·5
July	81·2	+5·7	+6·4	+6·2	**+7·0**	+6·7	+5·3	+2·1	−1·3	−4·1	−5·4	−6·4	−7·4	−6·5	−7·1	**−7·5**	−5·2	−4·8	−1·7	−1·3	+1·2	+2·9	+4·8	+4·9	+5·3
Aug.	81·7	+4·8	+4·5	+5·3	+5·5	**+5·9**	+5·0	+2·4	−0·2	−2·5	−5·0	−5·3	**−6·8**	−6·3	−5·5	−5·2	−5·3	−4·0	−2·9	0·0	+1·4	+2·7	+3·6	+3·9	+4·1
Sept.	83·3	+3·8	+4·6	+4·9	+5·3	+5·9	**+6·5**	+4·8	+2·7	+0·2	−3·1	−5·6	−7·2	−8·4	−8·4	**−8·5**	−7·2	−4·4	−2·7	+0·3	+1·7	+2·7	+3·6	+4·0	+4·7
Oct.	84·6	+4·3	**+4·3**	+4·0	+3·6	+4·0	+3·7	+3·0	+2·5	+0·3	−2·3	−4·8	−6·9	−7·4	**−8·1**	−7·0	−4·5	−2·9	−1·3	+1·0	+1·9	+2·7	+3·2	+3·3	+3·4
Nov.	**85·5**	+0·4	+0·4	−0·3	+0·2	0·0	0·0	+0·5	+0·7	+0·2	−0·5	−1·4	−1·6	−2·5	**−2·6**	−2·4	−0·4	+0·5	+0·5	+1·0	+1·6	+0·7	+0·9	**+2·0**	+1·9
Dec.	84·8	**+2·5**	+1·7	+1·5	+1·0	+1·0	+0·7	+0·3	+0·7	+1·3	+0·9	−0·6	−2·4	**−4·1**	−3·1	−2·6	−1·7	−0·5	−0·6	0·0	−0·1	+0·2	+0·9	+1·1	+1·9
Year	82·1	+3·5	+3·7	+3·6	+3·9	**+3·9**	+3·5	+2·2	+0·9	−0·4	−2·1	−3·5	−4·8	−5·2	**−5·2**	−5·0	−4·2	−3·2	−2·1	−0·4	+0·8	+1·8	+2·4	+2·9	+3·2

RAINFALL : ANNUAL TOTALS OF HOURLY VALUES.

Amounts, in millimetres ; durations, in hours, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

57. Aberdeen : H_r = 14·0 metres + 0·6 metres. **1924.**

G.M.T.	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to Noon	Noon to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	0 to 24
Amount	mm. **26·6**	mm. 37·9	mm. 34·2	mm. 30·7	mm. 36·6	mm. 34·6	mm. 35·7	mm. 31·4	mm. 37·4	mm. 41·3	mm. 36·5	mm. 31·2	mm. 29·1	mm. 26·9	mm. 32·9	mm. 37·7	mm. 35·5	mm. **44·7**	mm. 40·9	mm. 40·1	mm. 44·6	mm. 41·2	mm. 38·0	mm. 32·6	mm. 858·3
Duration	hr. 28·7	hr. 26·7	hr. 33·2	hr. 36·5	hr. 36·1	hr. 31·1	hr. 34·0	hr. 33·0	hr. **38·9**	hr. 35·9	hr. 31·4	hr. 28·9	hr. 27·9	hr. 25·9	hr. **24·6**	hr. 27·2	hr. 26·4	hr. 31·1	hr. 31·2	hr. 31·3	hr. 33·9	hr. 32·4	hr. 34·2	hr. 30·3	hr. 750·8

58. Aberdeen. **1924.**

NOTES ON RAINFALL.

Notable Falls of the Year.—There were two notable falls during the year ; the first being a continuous fall of 44 mm. in the 39 hours from 6h. on the 7th May till 21h. on the 8th May. It occurred during the very wet spell mentioned below.

The second notable fall was that of 23rd September, when 48 mm. fell. Of this 36 mm. fell continuously, accompanied by a sharp thunderstorm, between 16h. and 23h. For the 3 hours between 17h. and 20h. rain was falling at the average rate of 8 mm. per hour, the maximum rate being 5 mm. in 20 minutes.

Dry Periods.—(Periods of 7 days or over with no rainfall, or with trifling falls.)

Jan. 29—Feb. 4.—Period of 7 days with 0·1 mm.
Mar. 2—14.—Period of 13 days with 1·9 mm., most of which fell on 5th.
Apl. 15—21.—Period of 7 days with 0·2 mm.
June 20—26.—Period of 7 days with 0·3 mm.
Aug. 6—13.—Period of 8 days with 0·2 mm.
Oct. 11—18.—Period of 8 days (from 2h. on 11th till 24h. on 18th) with 0·1 mm. from deposition of wet fog.
Dec. 7—15.—Period of 8 days (from 4h. on 7th till 7h. on 15th) with 0·3 mm.

Wet Periods.—(With notes of the heavier rates of fall.)

Jan. 22.—14 mm. in 24 hours.
Mar. 23.—13 mm. in 15 hours.
May 7—11.—Period of 5 days during which 71 mm. fell ; of this 44 mm. fell in 39 hours. (See under " Notable Falls " above.) May was a very wet month, 123 mm. in all fell, of which 96 mm. occurred in 11 days from 2nd to 13th.
July 4— 8.—Period of 5 days yielding 44 mm. Sharp fall between 15h. and 16h. on 5th, 3 mm. falling in 10 minutes.
July 10—13.—Period of 4 days yielding 36 mm. of which 20 mm. fell in 4 hours between 15h. and 19h. on the 13th.
July 17—19.—Period of 3 days with 22 mm. during which the greatest rate of fall in the year was recorded, 7 mm. falling in 10 min. about 15h. on 17th.
July 28—30.—Period of 3 days yielding 20 mm. July was the wettest month of the year, 135 mm. in all being recorded.
Aug. 18—23.—Period of 6 days during which 36 mm. fell. In this period 4 mm. fell in 8 minutes about midnight on 21st.
Sept. 7—12.—Period of 6 days which yielded 47 mm.
Sept. 23—Very heavy rainfall during [illegible], 48 mm. (see " Notable Falls " above). Sept. was a very wet month, 112 mm. in all fell.
Oct. 3— 7.—Period of 5 days with 35 mm.
Nov. 26—27.—Period of 2 days with 23 mm.
Dec. 3— 4.—Period of 2 days with 25 mm.
Dec. 26—27.—Period of 2 days with 32 mm.

1924 was a year with rainfall well above the normal, due to large excesses in the months of May, July, and September.

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time

59. Aberdeen : H_r (height of receiving surface above M.S.L.) − H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 14·0 metres + 0·6 metres. **January, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·6
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	·2	·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	2·2
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·9	·1	1·0	1·9
6	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·6
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	0·1	0·8
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	...	...	...	...	...	...	...	0·3	1·7
9	(...)	(·1)	(...)	(·1)	(...)	(·1)	(·1)	...	...	...	...	...	...	...	·9	·4	...	(·4)	(·1)	(·1)	(·1)	...	...	...	(2.4)	(4.1)
10	...	...	...	...	...	...	...	...	...	...	...	·2	·2	·1	·5	1·5	1·0	·1	...	...	...	...	...	...	3·6	6·5
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	·4	2·7	2·6	·7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·5	2·4
13	...	...	...	...	...	...	·4	2·3	1·2	1·2	1·4	·9	·9	1·2	·8	...	...	·7	·2	...	...	...	...	...	11·2	9·7
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	(0.2)
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	·2	...	...	...	·1	·7	·4	1·0	·4	·2	·2	...	...	...	...	...	·1	·5	·7	...	...	4·5	9·3
19	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·6
20	...	...	...	...	·4	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	1·6
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	·1	·2	...	·1	0·6	1·1
22	...	1·2	1·1	·4	·2	·2	·6	·9	·5	·3	·3	·3	·1	·2	·2	·2	·2	·3	·4	·6	·4	·8	2·2	1·5	**13·1**	**14·9**
23	1·0	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	1·4
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·4	1·0	3·4	1·5
27	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·4
28	...	...	...	...	...	...	·3	·3	...	...	·3	...	...	...	...	...	...	...	...	...	·2	1·2	·8	...	3·1	3·2
29	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	2·1	4·5	4·1	1·5	0·7	0·7	1·4	3·7	2·4	1·9	3·0	1·8	1·4	1·7	2·6	2·2	1·2	1·8	0·7	0·8	1·3	2·9	**6·3**	2·7	53·4	64·9
Total Duration.	hr. 3·0	hr. 3·7	hr. 3·8	hr. 2·2	hr. 2·0	hr. 1·5	hr. 1·8	hr. 2·8	hr. 3·0	hr. 3·0	hr. 2·8	hr. 3·5	hr. 3·2	hr. 3·0	hr. **4·1**	hr. 2·4	hr. 1·3	hr. 3·4	hr. 1·6	hr. 1·5	hr. 2·2	hr. 2·9	hr. 3·0	hr. 3·2	hr. 64·9	

60. Aberdeen : H_r = 14·0 metres + 0·6 metres. **February, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	·1	...	·2	1·4	·1	·1	...	...	...	...	...	...	...	...	...	...	...	1·9	1·7
6	·2	...	...	...	...	...	...	·2	·2	...	·2	·2	·1	...	·3	·8	·9	·4	...	...	...	...	...	...	3·5	7·0
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·2	·3	0·9	2·7
10	1·2	·5	·5	·1	...	...	...	...	·1	·1	...	...	...	...	...	·1	·5	·8	·1	·1	·2	·1	·1	...	4·5	8·0
11	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	1·0
12	·1	·1	·2	·2	·2	·4	·4	·4	·4	·4	·6	·6	·4	·5	·6	·4	·2	·1	·2	...	·1	...	...	...	6·5	**19·3**
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	0·3	0·7
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	...	·1	...	...	...	...	·2	...	0·8	1·2
16	...	...	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	2·2
17	...	...	...	...	...	·7	·2	·8	3·0	·6	·2	...	...	...	...	...	...	...	...	·2	·5	·1	·2	·6	**7·1**	7·7
18	·1	...	·2	·2	...	·1	...	...	...	...	...	(.1)	...	...	...	...	·1	·1	...	...	...	...	...	...	0·9	3·4
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	0·2	0·2
21	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·5
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	·8	...	·2	·5	·1	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	1·8	1·2
25	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	·5	...	...	0·9	1·2
26	...	...	...	...	·7	·1	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	0·8
27	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	(·1)	(·2)	(·1)	(·2)	(·1)	(·2)	(1.2)	(2.7)
28	...	...	...	...	(·1)	(·1)	(·1)	(·1)	(·2)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(0.6)	(1.6)
29	...	...	...	...	...	1·8	...	(·4)	(·3)	(·4)	(·2)	(·2)	(·2)	(·1)	(·4)	(·4)	(·3)	(·4)	(·1)	...	(·3)	(·3)	(·3)	(·3)	(6.4)	(6.5)
Sum.	1·6	0·6	1·9	0·9	1·3	3·0	1·3	1·4	2·0	**4·4**	3·2	1·4	0·8	0·9	1·3	2·2	2·0	1·9	1·0	0·5	1·2	1·6	1·3	1·5	39·2	69·6
Total Duration.	hr. 2·3	hr. 1·8	hr. **4·3**	hr. 3·9	hr. 2·2	hr. 2·9	hr. 1·9	hr. 3·2	hr. 4·1	hr. 3·4	hr. 3·7	hr. 3·0	hr. 1·7	hr. 1·5	hr. 2·4	hr. 3·5	hr. 3·6	hr. 3·6	hr. 2·3	hr. 1·2	hr. 3·5	hr. 2·9	hr. 3·6	hr. 3·1	hr. 69·6	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

61. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 14·0 metres + 0·6 metres. **March, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	(·2)	(·2)	(·2)	(·2)	(·3)	(·1)	...	(·1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(1·3)	(2·6)
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·9)	(·8)	...	...	...	...	(1·7)	(1·5)
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	·3	·2	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	1·0
16	...	...	...	...	...	...	·5	...	...	·2	·1	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	0·9	1·2
17	...	...	...	...	...	...	(·1)	(·1)	(·1)	...	(·1)	...	...	...	(·1)	(·1)	(·1)	...	...	...	...	...	...	...	(0·7)	(3·1)
18	...	...	...	...	...	(·1)	...	...	...	...	...	...	...	...	...	...	...	·6	·2	·3	...	...	...	...	1·2	1·9
19	...	...	...	·2	·2	·1	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	1·8
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	·7	·6	1·2	1·4	·7	·5	·2	·1	·1	·2	·5	·1	·1	...	...	...	...	6·4	8·5
23	...	·3	·1	...	...	·5	·1	·1	...	...	·3	·1	·6	1·2	1·1	·9	·6	·6	1·0	1·4	1·5	1·7	·8	·6	**13·5**	**13·3**
24	·1	·3	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	1·0
25	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
26	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·1
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	(·1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(0·1)	(0·5)
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	·1	...	...	...	·1	...	·2	...	...	...	...	...	...	...	...	·2	0·6	0·8
Sum.	0·1	0·6	0·4	0·5	0·7	1·2	1·2	1·4	1·0	1·6	1·9	0·8	1·2	1·4	1·5	1·1	0·9	1·7	2·2	**2·6**	1·5	1·7	0·9	0·8	28·9	37·8
Total Duration.	hr. 0·3	hr. 0·6	hr. 1·0	hr. 0·9	hr. 1·6	hr. 1·7	hr. 2·0	hr. 2·0	hr. 1·8	hr. 1·9	hr. 2·0	hr. 1·0	hr. 1·9	hr. 1·4	hr. 2·0	hr. 1·9	hr. 2·1	hr. **2·5**	hr. 2·4	hr. 2·3	hr. 1·0	hr. 1·0	hr. 1·3	hr. 1·2	hr. 37·8	

62. Aberdeen : H_r = 14·0 metres + 0·6 metres. **April, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·1	0·3
3	·3	·1	·3	·5	·2	·2	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	5·4
4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·1	0·3
6	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·4
7	...	...	...	...	...	·1	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·6
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·9	0·9	1·0
9	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·7	·5	·1	...	·2	...	2·4	3·8
10	·3	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	1·2
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	...	...	...	...	...	...	...	...	...	0·8	0·3
12	...	...	...	...	...	...	...	...	...	...	...	1·8	·9	...	...	...	...	·9	2·3	·5	·2	...	...	...	6·6	3·8
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	·5	2·4	·7	·1	·1	...	...	·1	·9	1·0	·9	·8	·6	·1	...	...	...	...	...	...	...	...	...	...	8·2	**7·3**
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	·1	...	...	...	...	...	...	...	...	...	0·2	0·4
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·6
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	0·2	0·3
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·9	·5	·1	·9	2·0	·5	·2	·1	5·7	6·7
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	1·9	1·6	·8	...	4·6	2·8
26	...	...	·4	·3	·6	·4	·1	...	·2	...	...	...	...	...	...	...	...	...	...	·7	1·3	1·4	2·2	·7	**8·3**	6·8
27	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	...	...	...	...	...	(·1)	...	0·2	1·0
Sum.	2·1	2·9	1·5	0·9	0·9	0·7	0·6	0·2	1·1	1·3	1·3	2·6	1·5	0·2	0·9	0·5	1·1	1·8	3·1	2·9	**5·5**	3·5	3·5	1·9	42·5	43·4
Total Duration.	hr. 3·3	hr. 2·3	hr. 1·5	hr. 1·8	hr. 1·6	hr. 1·0	hr. 1·5	hr. 0·4	hr. 1·0	hr. 1·4	hr. 1·0	hr. 1·8	hr. 1·6	hr. 0·7	hr. 0·5	hr. 0·6	hr. 1·3	hr. 2·2	hr. 2·3	hr. 3·2	hr. **3·5**	hr. 3·0	hr. 2·8	hr. 2·5	hr. 43·4	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–14	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

63. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 14·0 metres + 0·6 metres. **May, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	…	…	·1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	0·1	0·5
2	…	…	…	…	…	…	…	…	…	…	…	·6	1·2	·2	·4	1·5	1·7	1·3	1·1	·5	·1	…	…	·1	8·7	8·4
3	·2	·4	·5	·5	1·0	·6	·5	·2	·3	·2	…	·4	·5	·3	·8	·4	·1	…	…	…	…	…	…	…	6·0	11·2
4	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
5	…	…	1·1	1·3	·7	·5	·5	·1	·1	·2	…	·3	·9	·4	…	…	…	…	…	…	…	…	…	…	6·1	7·3
6	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
7	…	…	…	…	…	…	1·2	1·5	3·3	1·8	·5	1·2	·7	·4	·4	·3	·3	·1	·8	·9	·7	·6	1·2	1·1	17·0	15·0
8	1·6	2·0	1·6	2·5	2·9	2·5	2·0	1·8	1·9	·0	1·0	·9	1·0	1·0	·8	1·2	·7	·3	·3	·1	·2	…	…	…	**27·2**	**19·8**
9	·1	·3	·3	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·3	1·0	1·0
10	…	·1	·4	·0	1·8	3·2	3·0	1·4	1·4	·7	·4	…	…	…	…	…	…	…	…	…	…	…	(·1)	…	13·4	8·6
11	…	…	…	…	…	…	…	…	…	…	…	…	3·2	1·4	·0	·0	·2	·0	2·3	2·7	…	…	…	…	12·5	3·5
12	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
13	…	…	…	…	…	…	·3	·1	·4	·3	1·4	·7	…	…	…	…	…	…	…	…	…	…	…	…	3·2	4·3
14	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
15	…	…	…	…	…	…	…	…	…	…	…	…	·3	…	…	…	…	…	…	…	…	…	…	…	0·3	0·1
16	…	…	…	…	…	…	…	…	…	·1	…	·8	·7	·5	…	·2	·1	·1	·2	…	…	…	…	…	2·7	2·7
17	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·3	0·3	0·4
18	·1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	0·1	0·4
19	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
20	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
21	…	…	·1	·3	·4	·4	1·0	1·4	·4	·9	·1	…	…	…	…	…	…	·4	…	…	…	…	·8	·1	6·3	7·9
22	…	…	…	…	…	…	·1	…	·4	3·4	·7	·2	…	…	…	…	…	…	…	…	…	…	…	…	4·8	3·0
23	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·1	1·8	…	…	…	1·9	0·7
24	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
25	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
26	…	…	…	…	…	…	…	…	…	·1	·3	…	…	…	…	(·1)	…	…	…	…	…	…	…	…	0·5	1·0
27	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
28	…	…	…	…	…	…	·1	·2	·2	·2	·4	…	…	…	…	·3	1·0	1·1	·3	·7	·4	·1	…	·1	6·0	8·3
29	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
30	…	…	…	…	·1	1·0	2·5	·1	…	…	…	…	…	…	…	…	…	…	…	·3	·2	…	…	…	4·2	2·7
31	…	·1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…		…	…	0·1	0·3
Sum	2·0	2·9	4·1	5·5	6·9	8·2	**11·2**	6·8	8·4	8·8	4·8	5·1	8·5	4·2	3·3	4·0	5·0	4·2	5·0	5·3	3·4	0·7	2·1	2·0	123·3	107·1
Total Duration.	hr. 2·0	hr. 2·6	hr. 4·4	hr. 4·7	hr. 5·1	hr. 5·7	hr. **7·9**	hr. 5·7	hr. 6·9	hr. 7·0	hr. 5·6	hr. 5·2	hr 5·7	hr. 4·5	hr. 3·5	hr. 4·9	hr. 4·4	hr. 4·3	hr. 3·8	hr. 4·2	hr. 3·2	hr. 1·3	hr. 2·0	hr. 2·5	hr. 107·1	

64. Aberdeen : H_r = 14·0 metres + 0·6 metres. **June, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	m.m	mm.	mm.	mm.	hr.
1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
2	…	…	…	…	…	…	…	·4	·1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	0·5	0·6
3	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
4	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
5	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
6	…	…	…	·1	·1	·0	·7	·5	2·2	1·3	1·1	·6	…	…	…	·3	·7	·3	·4	·1	…	…	·2	·1	9·3	9·4
7	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·6	…	0·6	0·8
8	·1	…	…	·1	·2	…	·4	·1	·3	·6	1·5	1·3	·7	2·6	2·5	1·1	·2	·1	(·1)	…	…	…	…	…	**11·9**	**10·7**
9	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·8	·6	·7	…	…	·1	2·2	2·1
10	…	…	…	·1	·1	…	…	…	…	…	·2	…	…	…	…	·2	…	…	…	…	…	…	…	…	0·6	1·0
11	…	·1	·2	·1	·2	·3	·3	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	1·2	2·0
12	…	…	…	·1	·9	·2	·2	…	1·0	·5	·1	…	…	…	·1	…	…	…	…	…	…	…	…	…	3·1	4·5
13	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
14	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
15	…	…	…	·3	…	…	·3	…	…	…	…	…	…	…	…	·7	·1	…	…	…	…	…	…	…	1·4	1·9
16	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·3	…	…	…	…	…	…	…	…	0·3	0·2
17	…	…	…	…	…	…	…	…	·1	·4	1·4	·2	…	…	…	…	…	…	…	…	…	…	…	…	2·1	1·7
18	…	…	…	…	·7	·0	·5	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	1·8	1·0
19	…	…	…	…	…	…	…	…	…	…	(·4)	(2.2)	(1.1)	…	…	…	…	…	…	…	…	…	…	…	3·7	(1.8)
20	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
21	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
22	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
23	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
24	…	…	…	…	…	…	…	·1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	0·1	0·3
25	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
26	…	…	…	…	…	…	…	…	…	…	…	·2	…	…	…	…	…	…	…	…	…	…	…	…	0·2	0·2
27	…	…	…	…	…	…	…	…	…	…	…	…	·2	…	…	…	…	…	·2	1·0	…	…	…	…	1·4	0·6
28	…	…	…	…	…	…	…	…	…	…	…	·8	1·2	·9	·1	…	…	…	…	…	…	…	…	…	3·0	2·8
29	…	…	…	…	…	…	…	…	…	…	…	…	·2	…	…	·1	…	…	…	…	…	…	·7	…	1·0	1·2
30	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·2	·2	…	…	…	…	…	…	…	0·4	0·2
Sum.	0·1	0·1	0·2	0·8	2·2	1·7	2·4	1·1	3·7	2·8	4·7	**5·3**	3·4	3·5	2·7	2·0	1·2	0·4	1·5	1·7	0·7	0·0	1·5	0·2	44·8	43·0
Total Duration.	hr. 0·0	hr. 0·2	hr. 0·4	hr. 1·9	hr. 2·0	hr. 1·0	hr. 3·3	hr. 2·4	hr. 3·2	hr. 3·1	hr. 3·4	hr. **3·8**	hr. 2·8	hr. 2·0	hr. 1·6	hr. 2·7	hr. 1·3	hr. 0·5	hr. 1·6	hr. 1·2	hr. 0·6	hr. 0·0	hr. 1·8	hr. 0·4	hr. 43·0	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

65. Aberdeen : Hr (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + hr (height of receiving surface above ground) = 14·0 metres + 0·6 metres. **July, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	0·2	0·5
2	...	·2	·3	·4	·4	·1	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·7	3·7
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·5	0·7	1·3
4	1·6	1·2	1·4	·7	2·7	2·8	2·2	·6	·2	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	13·8	8·0
5	...	...	...	...	...	...	...	...	...	...	...	·2	·4	·1	2·5	1·8	2·4	...	·8	1·5	·1	...	...	...	9·8	3·5
6	·4	·5	·6	·5	·2	·6	·8	·3	·2	·1	...	...	...	...	...	...	...	1·5	1·4	·5	·1	...	...	...	7·7	**10·3**
7	·6	...	·2	1·8	·6	...	...	...	·3	...	·3	...	...	...	1·2	...	...	·6	...	·3	...	...	...	...	5·9	3·4
8	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·3	·2	·3	·2	5·0	·1	·1	·1	...	...	...	6·5	4·0
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·5	3·8	1·5	...	...	...	...	...	...	...	...	6·9	2·8
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·2	3·5	·3	·1	7·1	2·5
13	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	2·4	6·9	5·0	4·8	·4	·8	...	...	...	**21·6**	5·6
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·5
17	...	...	...	·3	·4	·4	...	...	...	...	...	...	·2	...	...	7·7	...	·1	·1	...	...	...	...	...	9·2	3·2
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	·6	·9	·5	...	...	...	...	...	...	3·5	2·0
19	...	...	...	...	...	...	...	...	...	1·6	·6	...	1·1	·3	·2	·7	2·7	2·2	...	...	...	...	...	...	9·4	4·0
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	...	...	...	...	0·3	0·8
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·6	·6	·1	...	...	...	...	1·7	3·2
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	1·0	·6	...	...	...	...	...	...	...	...	2·2	0·9
24	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	...	...	·3	...	...	...	...	·7	·7	...	2·0	2·5
25	...	...	...	·1	...	...	...	...	...	...	...	...	2·1	2·1	...	...	...	...	...	...	...	...	...	...	4·3	1·3
26	...	...	...	...	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·7
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	·9	·9	·8	·9	1·3	4·9	5·2
29	1·1	1·6	·8	1·7	·8	1·2	·6	1·1	1·1	·6	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	11·1	10·2
30	...	...	...	...	...	·3	...	...	...	·3	...	...	...	...	...	...	...	...	·2	·6	·6	·4	1·7	...	4·1	3·6
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	3·8	3·5	3·3	5·5	5·3	5·5	3·8	2·1	2·1	2·6	1·4	0·5	4·1	4·9	11·8	**16·0**	13·8	15·6	8·1	4·6	5·8	5·4	3·8	1·9	135·2	83·7
Total Duration.	hr. 3·3	hr. 3·5	hr. 4·2	hr. 5·2	hr. **5·3**	hr. 4·3	hr. 3·4	hr. 3·3	hr. 3·1	hr. 1·3	hr. 1·0	hr. 0·7	hr. 2·6	hr. 3·0	hr. 3·4	hr. 4·1	hr. 5·0	hr. 5·0	hr. 4·8	hr. 4·9	hr. 3·4	hr. 3·1	hr. 3·0	hr. 2·8	hr. 83·7	

66. Aberdeen : Hr = 14·0 metres + 0·6 metres. **August, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	·2	·2	·9	·1	...	...	...	·1	·4	·1	·6	...	...	...	...	...	·2	·3	·1	...	...	...	...	3·2	3·9
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	·3	1·8	·1	·5	·2	...	...	...	...	2·0	2·6	...	·1	...	...	...	...	...	...	...	...	...	...	7·6	3·8
6	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	0·2	0·2
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	...	0·4	0·3
15	·1	...	·3	...	...	...	·2	...	...	...	...	...	...	...	...	·6	...	·1	...	...	...	...	...	...	1·3	1·2
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·6	·3	...	...	1·0	1·8
17	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·5	·1	·1	...	...	1·2	2·4
18	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	1·4	1·4	·1	·1	...	...	...	...	...	...	3·2	2·5
19	...	...	...	...	...	·3	1·1	·2	·3	1·1	1·8	·6	...	...	·3	·2	1·4	...	·1	...	·4	1·7	·1	...	9·6	**7·0**
20	...	...	...	·5	·5	...	·6	·2	...	...	...	...	...	...	...	...	...	...	·1	·1	·3	·3	·8	·3	3·7	6·2
21	·1	·1	·2	...	·5	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·0	6·0	3·1
22	·3	...	...	...	...	...	...	...	...	...	...	...	·3	·4	...	...	...	...	...	...	...	...	...	...	1·0	0·6
23	·3	8·5	2·4	...	·4	...	...	...	...	...	...	...	·9	...	...	...	...	...	...	...	·1	·1	...	...	**12·7**	2·6
24	·1	·5	·2	...	...	...	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	1·2	1·6
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	1·8	·4	...	·1	...	...	...	2·4	1·9
27	·1	...	...	...	...	...	...	...	...	...	...	...	1·0	·1	...	...	...	...	...	...	...	...	...	...	1·2	1·2
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·2	...	...	·2	·1	·2	0·8	2·4
29	·1	...	...	·4	·1	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	1·6
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	·1	·2	...	...	...	...	...	·5	...	...	...	...	...	...	...	...	0·8	1·4
Sum.	1·1	**9·7**	5·1	1·9	2·1	0·6	1·9	0·5	0·5	1·7	3·9	3·8	2·7	0·9	1·7	2·9	1·5	2·2	1·9	0·8	1·6	2·7	1·0	5·5	58·2	45·7
Total Duration.	hr. 2·5	hr. 3·0	hr. 2·6	hr. 1·9	hr. 2·3	hr. 1·4	hr. 2·0	hr. 1·1	hr. 1·3	hr. 2·2	hr. 1·7	hr. 1·6	hr. 1·4	hr. 1·4	hr. 1·0	hr. 1·9	hr. 0·5	hr. 1·8	hr. 2·5	hr. 1·7	hr. **3·1**	hr. 2·8	hr. 1·5	hr. 2·5	hr. 45·7	
G M T	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

67. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 14·0 metres + 0·6 metres. **September, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·1	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	1·4	·4	...	...	...	...	...	...	...	2·5	1·9
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	P	(·1)	P	P	(·1)	P	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(0·2)	(...)
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	·3	1·0	1·0	·9	1·7	1·2	·8	1·4	8·4	7·7
8	1·3	·7	·5	·7	·7	2·9	2·4	·2	·4	1·4	·2	·3	...	...	·7	·4	·1	...	·1	...	...	...	·4	...	13·4	10·7
9	...	...	2·4	·9	1·4	·5	·1	·8	·4	·6	1·4	1·5	·9	·5	...	...	·5	...	·3	...	·1	·2	...	...	12·5	**11·0**
10	...	·1	·7	·3	...	·1	...	...	...	·2	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	1·5	1·5
11	...	...	·4	2·8	3·3	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·8	3·1
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	4·4	4·7	0·9
13	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	·3	...	...	·4	·1	...	...	...	...	(·1)	...	...	...	...	...	0·9	1·2
16	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·9	...	...	...	...	...	...	...	...	...	1·2	0·9
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	0·2	0·3
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	1·0	1·2
21	2·2	4·4	·4	·1	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·4	3·6
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	0·2	0·5
23	...	...	...	...	...	...	...	...	·1	2·8	3·9	3·4	·1	...	1·8	·1	1·6	7·9	7·1	8·0	5·1	4·8	1·0	...	**47·7**	10·7
24	...	...	·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	0·6	1·2
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	·1	·2	·8	·2	...	...	...	...	...	·2	...	...	...	1·5	2·5
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·4	·9	...	1·4	1·7
Sum.	3·8	5·3	4·6	5·2	5·6	3·8	2·5	1·3	1·5	5·3	5·5	5·3	1·6	1·8	3·9	1·9	3·1	**9·1**	8·6	8·9	7·2	6·6	3·4	6·5	112·3	60·9
Total Duration.	hr. 2·5	hr. 2·0	hr. 2·7	hr. **4·5**	hr. 2·8	hr. 2·6	hr. 1·4	hr. 2·0	hr. 2·3	hr. 3·2	hr. 2·5	hr. 2·7	hr. 2·2	hr. 2·1	hr. 2·6	hr. 1·7	hr. 2·7	hr. 2·4	hr. 2·9	hr. 2·0	hr. 2·9	hr. 2·9	hr. 3·4	hr. 1·9	hr. 60·9	

68. Aberdeen : H_r = 14·0 metres + 0·6 metres. **October, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	1·0	·3	1·0	·1	2·7	2·5
4	...	·4	·2	·9	·9	·3	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·0	3·3
5	...	·1	·1	·1	·2	·2	·3	·3	·2	·6	·4	·1	...	1·1	·3	1·2	1·6	2·7	·5	1·7	2·3	2·5	·3	...	**16·8**	**15·7**
6	·1	...	...	·4	·8	·8	1·1	·2	·3	·2	...	...	...	...	...	...	...	...	...	·1	1·6	2·5	1·7	...	9·8	8·0
7	...	...	·1	·3	1·2	1·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·8	2·7
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	2·0	2·0	·4	·1	...	4·6	3·2
10	...	...	...	...	...	...	...	...	·3	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	1·3	1·8	1·1
11	1·7	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	1·0
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	·1	·5	1·3	1·7	1·0	·6	·4	·8	·7	·2	...	...	...	...	...	...	·5	·1	...	...	...	...	·1	8·0	8·9
20	...	...	·1	·1	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·9
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·9	...	...	1·0	0·5
22	1·1	...	·1	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	1·4
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	·4	·1	·4	·3	·1	...	·1	·2	·2	·3	·1	...	2·2	4·0
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·8	·6	1·5	3·2	3·4
27	·9	·5	·4	·2	...	...	...	·5	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·1	4·5
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	·3	1·3	·3	·1	...	·1	...	...	...	·8	·5	5·8	2·3	·1	...	...	...	11·6	5·7
30	·1	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·3	0·2
31	·1	...	...	...	...	...	...	...	...	(·2)	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·6
Sum-	4·0	1·3	1·6	3·7	4·9	3·5	2·1	1·7	3·5	2·4	0·9	0·2	0·5	1·2	0·7	1·5	2·5	3·7	6·6	6·6	7·6	**7·7**	3·8	3·1	75·3	67·9
Total Duration.	hr. 3·0	hr. 2·5	hr. 3·4	hr. 3·7	hr. 4·7	hr. 4·1	hr. 3·2	hr. 3·8	hr. 4·0	hr. 3·2	hr. 1·8	hr. 0·6	hr. 0·6	hr. 1·3	hr. 1·1	hr. 1·5	hr. 1·8	hr. 2·2	hr. 2·7	hr. 3·8	hr. 4·6	hr. **5·3**	hr. 3·2	hr. 1·8	hr. 67·9	—
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

69. Aberdeen : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 14·0 metres + 0·6 metres. **November, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	·2	1·1	3·0	1·0	1·8	·8	8·0	4:9
2	...	...	...	...	...	·7	·4	·3	·4	·4	·1	·1	...	...	...	...	...	·1	·3	...	...	...	...	...	2·8	4·5
3	...	...	...	...	...	...	...	...	...	·9	1·0	·5	·1	...	...	...	...	...	...	·2	·1	...	·1	...	2·9	2·7
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	·1	...	...	·1	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	1·1
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	0·3	0·7
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	·3	·3	·2	·2	·2	·3	·1	1·9	4·7
9	·1	...	·4	·3	·3	·2	·3	·2	·2	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	2·1	4·8
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·7	·1	...	...	...	0·9	1·3
12	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
13	...	...	...	...	...	·1	1·1	1·7	1·1	3·1	·4	...	·3	·8	·2	...	...	·3	·4	·2	·9	·1	·4	11·1	10·1
14	·2	...	...	...	...	...	...	...	...	·1	·8	·3	·4	...	...	...	...	...	...	...	...	...	...	1·8	2·0
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	0·2	0·6
20	...	...	...	...	...	...	...	...	...	...	...	·5	...	·2	...	·3	·1	·1	...	...	·1	...	...	...	1·3	1·4
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	·2	·2	·8	·1	·1	...	...	...	...	...	...	...	·2	·6	·2	2·4	3·8
24	·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	0·6
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·4	0·5	0·8
26	·2	·7	·1	·5	·7	·2	·1	1·5	2·3	·7	·1	...	·1	·8	...	·4	1·8	1·0	·4	...	...	·3	1·3	1·5	**14·7**	**10·6**
27	·2	·6	·5	·1	2·1	·3	...	...	·2	...	...	·8	1·1	1·6	1·2	...	...	...	...	...	...	...	...	...	8·7	6·0
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	·6	·9	·9	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	2·9	2·9
30	...	...	...	·1	·1	·3	·7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	1·3
Sum.	1·5	1·3	1·0	1·1	3·3	1·8	2·6	4·4	5·2	**5·5**	3·1	3·6	2·5	3·6	1·4	0·9	2·0	1·5	1·6	2·6	3·8	2·6	4·4	3·6	64·9	65·1
Total Duration.	hr. 2·2	hr. 1·2	hr. 1·4	hr. 2·2	hr. 2·9	hr. 2·3	hr. 3·0	hr. 2·8	hr. **4·3**	hr. 3·8	hr. 3·0	hr. 3·5	hr. 2·8	hr. 3·2	hr. 0·9	hr. 0·9	hr. 1·5	hr. 2·0	hr. 3·6	hr. 3·0	hr. 3·1	hr. 3·3	hr. 3·9	hr. **4·3**	hr. 65·1	

70. Aberdeen : H_r = 14·0 metres + 0·6 metres. **December, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	m.m	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	·3	·1	·1	...	...	·2	...	...	·1	...	...	·7	·4	...	...	·7	2·6	2·5
3	·2	·2	...	...	·2	...	·4	·7	1·2	1·4	1·7	·4	·3	...	...	...	...	...	...	...	...	·1	·2	...	7·0	6·8
4	·1	·2	2·3	·4	...	...	...	...	...	...	...	...	...	·7	·3	·6	1·1	·5	·1	1·3	3·7	3·0	2·8	·5	17·6	9·8
5	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·3
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·3	·2	0·8	2·5
7	·2	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	2·4
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·1	0·2
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(⌴)	(⌴)	(⌴)	(·1)	(⌴)	(⌴)	(0.1)	(...)
15	(⌴)	(·1)	(⌴)	(⌴	(⌴)	(·1)	(⌴)	...	...	...	...	...	...	...	...	...	...	(·3)	(·5)	(·1)	(·1)	(·8)	(·8)	(1.2)	(4.0)	(4.4)
16	(1.2)	(·2)	(·2)	(·2)	(...)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(1.8)	(2.5)
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·5	·1	...	...	0·7	0·8
23	...	...	...	...	·3	·2	·7	1·5	·7	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	3·6	4·0
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	·5	1·4	1·7	3·5	3·6	1·5	1·6	1·1	·7	·4	·6	1·7	·8	·1	...	...	...	...	...	...	...	...	**19·2**	**12·2**
27	1·6	3·5	3·3	·8	·5	·1	...	(3.1)	(·1)	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	13·1	6·3
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	·3	1·4	1·9	·2	4·4	4·0
30	·8	·8	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	1·7
31	...	...	...	...	...	...	...	...	(2.1)	(·3)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·4	(1.1)
Sum.	4·4	5·2	6·4	3·2	2·7	3·9	4·7	**6·8**	6·0	3·0	2·8	0·8	0·9	2·0	1·1	0·7	1·2	0·8	0·6	2·8	5·0	5·8	6·0	2·9	80·3	61·7
Total Duration.	hr. 4·3	hr. 3·3	hr. 3·5	hr. 3·6	hr. 2·7	hr. 1·7	hr. 2·6	hr. 3·5	hr. 3·9	hr. 2·4	hr. 2·3	hr. 1·5	hr. 1·4	hr. 1·8	hr. 1·5	hr. 1·1	hr. 0·9	hr. 1·2	hr. 0·7	hr. 2·3	hr. 2·8	hr. 3·9	hr. **4·7**	hr. 4·1	hr. 61·7	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

For periods of sixty minutes, between the exact hours of Local Apparent Time.

71. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **January, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14	14 to 15	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	—	...	·8	1·0	·4	1·0	1·0	·8	...	—	—	—	—	—	5·0	75
2	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
3	—	—	—	—	—	...	·7	1·0	1·0	1·0	1·0	·8	...	—	—	—	—	—	**5·5**	**82**
4	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
5	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
6	—	—	—	—	—	...	...	...	...	·1	...	·2	...	—	—	—	—	—	0·3	4
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
9	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
10	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
11	—	—	—	—	—	...	...	·2	·1	...	·1	...	...	—	—	—	—	—	0·4	6
12	—	—	—	—	—	...	...	·9	1·0	1·0	·7	·1	...	—	—	—	—	—	3·7	52
13	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
14	—	—	—	—	—	...	·2	·9	1·0	1·0	1·0	·6	...	—	—	—	—	—	4·7	65
15	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
16	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
18	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
19	—	—	—	—	—	...	...	...	...	·2	·6	...	...	—	—	—	—	—	0·8	11
20	—	—	—	—	—	·3	1·0	1·0	1·0	1·0	·4	·4	...	—	—	—	—	—	5·1	67
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
22	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
23	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
24	—	—	—	—	—	...	...	...	...	...	·2	·4	...	—	—	—	—	—	0·6	8
25	—	—	—	—	—	...	...	...	...	·1	·5	...	...	—	—	—	—	—	0·6	8
26	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
27	—	—	—	—	—	·4	1·0	1·0	1·0	1·0	·6	·1	...	—	—	—	—	—	5·1	64
28	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
29	—	—	—	—	...	...	...	...	·1	...	...	...	...	...	—	—	—	—	0·1	1
30	—	—	—	—	...	...	...	...	·1	...	...	...	...	...	—	—	—	—	0·1	1
31	—	—	—	—	...	...	...	·2	...	...	...	·1	·1	...	—	—	—	—	0·4	5
Sum.	—	—	—	—	...	0·7	3·7	6·2	5·7	**6·4**	6·1	3·5	0·1	...	—	—	—	—	32·4	—
Mean.	—	—	—	—	...	·02	·12	·20	·18	**·21**	·20	·11	...	...	—	—	—	—	1·05	14

72. Aberdeen : h_s = 20·7 metres. **February, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	...	·3	1·0	1·0	1·0	·9	·1	...	...	...	—	—	—	—	4·3	52
2	—	—	—	—	...	·9	1·0	·9	·8	·9	·9	·6	...	...	—	—	—	—	6·0	**71**
3	—	—	—	—	...	...	·2	·9	1·0	·6	·2	...	...	...	—	—	—	—	2·9	34
4	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
5	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
6	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
7	—	—	—	—	...	...	...	...	...	·1	...	...	...	...	—	—	—	—	0·1	1
8	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
9	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
10	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
11	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
12	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
14	—	—	—	—	...	...	·8	1·0	1·0	1·0	1·0	1·0	·7	...	—	—	—	—	**6·5**	70
15	—	—	—	—	...	...	·2	1·0	1·0	·6	·6	...	...	...	—	—	—	—	3·4	36
16	—	—	—	—	...	...	...	...	...	·2	·1	...	...	...	—	—	—	—	0·3	3
17	—	—	—	—	...	...	...	...	·2	1·0	·9	·2	...	...	—	—	—	—	2·3	24
18	—	—	—	—	...	·4	·1	·1	...	...	...	...	...	...	—	—	—	—	0·6	6
19	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
20	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
21	—	—	—	—	...	...	·5	·3	·7	·1	·1	...	...	...	—	—	—	—	1·7	17
22	—	—	—	—	...	...	...	...	...	...	...	...	·1	...	—	—	—	—	0·1	1
23	—	—	—	—	...	·1	·1	...	...	·1	...	...	...	...	—	—	—	—	0·3	3
24	—	—	—	...	·4	·6	·5	·1	·8	·8	·4	·9	·3	...	...	—	—	—	4·8	48
25	—	—	—	...	...	·6	·8	·8	·8	·9	·8	·4	...	...	...	—	—	—	5·1	50
26	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
27	—	—	—	...	...	...	·3	1·0	1·0	·6	...	...	·1	...	...	—	—	—	3·0	29
28	—	—	—	...	·1	·2	·6	·9	·9	·3	·4	·9	·3	...	...	—	—	—	4·6	44
29	—	—	—	...	·1	·1	·5	·5	·3	·9	...	...	...	...	...	—	—	—	2·4	23
Sum.	—	—	—	...	0·6	3·2	6·6	8·5	**9·5**	9·0	5·5	4·0	1·5	...	...	—	—	—	48·4	—
Mean.	—	—	—	...	·02	·11	·23	·29	**·33**	·31	·19	·14	·05	...	...	—	—	—	1·67	18

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

73. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **March, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	...	...	·2	·1	...	...	...	...	...	...	...	...	—	—	—	0·3	3
2	—	—	—	...	...	...	...	...	·7	·2	·9	·1	...	...	...	—	—	—	1·9	18
3	—	—	—	...	...	·7	1·0	·6	·3	·7	·7	·9	·9	·1	...	—	—	—	5·9	55
4	—	—	—	...	·1	·8	·9	·4	·9	·6	·8	·4	·5	...	...	—	—	—	5·4	50
5	—	—	—	...	·8	·9	·7	1·0	1·0	1·0	·6	·5	·2	...	...	—	—	—	6·7	61
6	—	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	·5	...	...	...	—	—	—	6·6	60
7	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
8	—	—	—	...	...	...	·5	·6	·4	1·0	1·0	·9	·6	...	...	—	—	—	5·0	45
9	—	—	—	...	...	...	...	·6	·5	·1	...	·7	·8	...	...	—	—	—	2·7	24
10	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
11	—	—	—	...	...	...	...	...	·4	1·0	1·0	·9	1·0	·2	...	—	—	—	4·5	39
12	—	—	—	...	...	·1	1·0	1·0	1·0	1·0	1·0	·7	·4	...	...	—	—	—	6·2	54
13	—	—	—	...	·3	1·0	1·0	1·0	1·0	1·0	·8	·5	·4	...	...	—	—	—	7·0	61
14	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
15	—	—	—	...	...	...	...	...	...	·3	·1	·3	·3	·3	...	—	—	—	1·3	11
16	—	—	—	...	·2	1·0	·7	·6	·4	·8	1·0	·9	·8	·6	...	—	—	—	7·0	59
17	—	—	—	·1	·4	...	·3	·1	·8	·6	·6	·3	·3	·3	·2	—	—	—	4·0	34
18	—	—	—	...	·5	·9	1·0	·8	·4	·2	·2	...	...	...	...	—	—	—	4·0	34
19	—	—	—	...	·1	·2	·9	·8	1·0	1·0	1·0	1·0	1·0	1·0	·5	—	—	—	**7·7**	**64**
20	—	—	...	...	·5	1·0	1·0	1·0	1·0	·7	...	...	...	...	...	...	—	—	5·2	43
21	—	—	...	...	·7	1·0	1·0	1·0	1·0	1·0	·8	·4	...	...	...	...	—	—	6·9	57
22	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
23	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
24	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
25	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
26	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
27	—	—	...	...	...	·5	1·0	·5	...	·1	·2	...	...	...	...	...	—	—	2·3	18
28	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
29	—	—	...	·8	1·0	·8	·8	·3	·1	·2	·1	...	...	...	...	...	—	—	4·1	32
30	—	—	...	...	...	...	...	...	·4	·8	·7	·4	·3	...	...	...	—	—	2·6	20
31	—	—	...	·1	·3	·5	1·0	·4	·6	·6	·4	·4	·6	·4	·1	...	—	—	5·4	42
Sum.	—	—	...	1·0	5·0	10·6	13·2	11·8	12·7	**13·9**	12·9	9·8	8·1	2·9	0·8	...	—	—	102·7	—
Mean.	—	—	...	·03	·16	·34	·43	·38	·41	**·45**	·42	·32	·26	·09	·03	...	—	—	3·31	28

74. Aberdeen : h_s = 20·7 metres. **April, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	...	...	...	...	...	...	·4	·5	·9	·9	·8	·9	·6	...	—	—	5·0	38
2	—	—	...	...	...	...	·1	1·0	·8	·6	...	...	...	...	...	...	—	—	2·5	19
3	—	—	...	...	...	...	...	...	...	...	·4	·8	...	·1	...	...	—	—	1·3	10
4	—	—	...	...	...	·1	·1	·3	·2	·1	·2	·1	...	·1	·4	...	—	—	1·6	12
5	—	—	...	...	·1	1·0	·8	·8	·9	·7	·9	·1	...	...	...	...	—	—	5·3	40
6	—	—	...	...	...	...	·1	·5	·7	·4	...	·9	1·0	1·0	·4	...	—	—	5·0	37
7	—	—	...	...	·1	·2	·7	1·0	1·0	·7	1·0	·9	1·0	1·0	·2	...	—	—	7·8	57
8	—	—	·2	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	·6	·8	·2	·1	...	—	—	9·8	72
9	—	—	...	·3	1·0	·8	·5	1·0	·3	·9	...	·5	·5	·8	...	...	—	—	6·6	48
10	—	—	...	...	...	·8	1·0	1·0	1·0	1·0	·8	·9	·9	·5	·6	·1	—	—	8·6	62
11	—	—	...	...	·6	·7	·4	...	...	...	...	·3	·7	·4	...	...	—	—	3·1	22
12	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
13	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	·9	·5	·2	...	...	...	—	—	7·8	55
14	—	...	...	...	...	...	...	...	...	...	...	·1	·9	·8	·8	·7	...	...	3·3	23
15	—	...	·5	·6	·9	·4	1·0	·8	·9	·4	·6	·6	·9	1·0	1·0	·6	...	...	10·2	72
16	—	...	·1	1·0	·9	·5	1·0	1·0	·9	1·0	·8	·7	·9	·8	·9	·4	...	—	10·9	76
17	—	...	·4	1·0	1·0	·9	1·0	·9	·9	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	—	**12·5**	**87**
18	—	...	·2	·1	...	...	·3	·1	·1	...	...	...	...	...	...	...	...	—	0·8	6
19	—	...	·4	·4	·3	·1	...	...	...	...	...	...	...	...	...	...	...	—	1·2	8
20	—	...	...	...	...	·1	...	...	·1	...	...	...	...	...	...	...	...	—	0·2	1
21	—	...	...	...	...	...	...	·4	1·0	1·0	·6	·1	...	·3	·6	...	...	—	4·0	27
22	—	...	...	·9	·4	·7	·6	·6	·7	·4	·7	·6	·8	·9	·6	·4	...	—	8·3	56
23	—	...	·8	·8	·1	·8	·2	...	·1	...	...	...	...	...	...	...	...	—	2·8	19
24	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
25	—	...	...	·3	·9	·1	·3	·5	·4	·9	1·0	1·0	·1	·4	·1	...	...	—	0·0	40
26	—	...	...	...	·1	...	·7	·7	·8	·3	·2	·2	...	...	...	...	...	—	3·0	20
27	—	...	...	·6	·3	·1	·1	...	...	·2	·1	·0	·4	·3	·5	·6	...	—	3·8	25
28	—	...	...	...	...	...	...	·9	·2	·1	·4	...	...	·1	·8	...	...	—	2·5	10
29	—	...	...	·3	·1	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	...	—	9·9	65
30	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
Sum.	—	...	2·6	7·5	8·8	9·3	11·7	**14·5**	14·3	13·2	12·5	12·4	11·9	11·6	9·6	3·9	...	—	143·8	—
Mean.	—	...	·09	·25	·29	·31	·39	**·48**	·48	·44	·42	·41	·40	·39	·32	·13	...	—	4·79	34

Hour. L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

75. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **May, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	...	...	...	...	...	...	...	·1	·9	·7	·2	·2	·4	...	...	...	—	2·5	16
2	—	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	—	0·1	1
3	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
4	—	·4	1·0	1·0	1·0	1·0	1·0	·9	·5	...	·1	·6	1·0	1·0	·9	...	...	—	10·4	66
5	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
6	—	...	...	·6	·9	·3	...	...	...	·6	·4	·4	·3	...	...	...	...	—	3·5	22
7	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
8	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
9	—	·1	·4	·8	·9	·9	·4	·6	·4	·5	·2	...	·3	...	...	...	...	—	5·5	34
10	...	...	...	...	...	...	...	...	...	...	...	·1	·3	·6	·3	...	...	...	1·3	8
11	...	...	...	...	...	...	...	...	·5	...	...	·1	...	·1	...	·1	·1	...	0·9	6
12	...	·3	1·0	·9	·7	·2	·4	·5	...	·7	·7	1·0	·9	·5	...	1·0	...	...	8·8	54
13	...	...	...	...	...	...	...	...	...	...	·7	1·0	1·0	1·0	1·0	1·0	·6	...	6·3	39
14	...	...	...	...	·2	·8	·6	·7	·5	·2	...	·9	·2	·3	...	·2	...	...	4·6	28
15	...	·5	1·0	1·0	1·0	·8	...	·1	·7	·6	·9	1·0	1·0	1·0	1·0	·9	...	...	11·5	70
16	...	·1	...	...	·2	·2	·2	·2	...	·1	·4	·2	...	·2	·9	·3	·4	...	3·4	21
17	...	·6	·5	·8	·6	1·0	·9	·2	·6	·5	·1	·7	·2	...	...	...	...	...	6·7	40
18	...	...	...	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	·9	·3	·2	·2	...	...	...	8·5	51
19	...	...	...	·2	·9	1·0	·9	·3	...	...	...	...	...	...	...	...	...	...	3·3	20
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	·8	·9	·4	·3	·9	·9	·8	·2	...	5·2	31
23	...	...	·5	1·0	1·0	1·0	·8	·8	·8	·7	·9	1·0	1·0	·2	·1	...	...	...	9·8	58
24	...	·5	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	·6	...	...	**13·8**	**81**
25	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	0·1	1
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	·1	·7	·1	...	...	...	...	·1	·4	·9	·6	·4	...	·1	...	...	...	3·4	20
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	·1	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·1	...	7·9	46
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	...	2·6	6·1	7·4	9·3	9·1	7·3	6·4	7·0	9·0	9·9	**11·1**	9·4	8·4	7·2	5·9	1·4	...	117·5	—
Mean.	...	·08	·20	·24	·30	·29	·24	·21	·23	·29	·32	**·36**	·30	·27	·23	·19	·05	...	3·79	23

76. Aberdeen : h_s = 20·7 metres. **June, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	...	...	...	...	...	...	...	...	...	...	·5	...	·4	1·0	·7	...	...	2·6	15
2	...	·5	·5	·5	·5	·6	·8	·9	1·0	1·0	·9	1·0	·9	·9	·8	·9	...	...	**11·7**	**67**
3	·1	1·0	1·0	·3	1·0	·8	·6	·6	·2	·4	·7	...	...	...	...	...	...	...	6·7	38
4	...	...	·1	·6	·9	·6	·7	·9	·2	·9	·9	·6	...	...	...	...	·2	...	6·6	38
5	...	·1	·5	·1	·2	·3	·3	·5	·5	·1	·6	·3	...	...	...	...	...	...	3·5	20
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	·4	·6	·1	·4	·4	·4	·5	1·0	·5	·4	·7	...	·1	...	...	...	5·5	31
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	·1	...	·4	...	...	...	...	...	...	...	...	...	...	0·5	3
10	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	·3	·1	...	...	0·6	3
11	...	...	...	...	...	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	...	...	9·3	53
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	·1	·1	·4	·8	·9	·9	·9	1·0	·9	·7	...	6·7	38
14	...	·4	·5	·8	1·0	1·0	1·0	1·0	1·0	1·0	·7	·6	·8	·6	...	...	...	...	10·4	58
15	...	...	·1	...	...	...	...	·1	...	...	...	...	...	...	·1	·1	·1	...	0·5	3
16	...	·4	·7	·7	·6	·8	·6	·4	·2	·1	·4	·4	·1	·4	·1	...	...	...	5·9	33
17	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	0·2	1
18	...	...	...	...	...	·1	·7	·8	1·0	·5	·9	·1	...	·2	...	...	...	...	4·3	24
19	...	...	...	...	·2	·2	·1	...	...	...	·9	1·0	1·0	1·0	·8	...	...	...	5·2	29
20	...	·2	1·0	·8	·6	·5	·8	1·0	·2	·5	·2	·1	·5	1·0	1·0	·9	·4	...	9·7	54
21	...	1·0	1·0	1·0	·8	·9	·9	1·0	1·0	1·0	1·0	1·0	·8	...	...	...	·2	...	11·6	65
22	...	...	·3	·2	...	·9	1·0	·9	·4	...	·2	...	...	·8	·8	·2	...	...	5·7	32
23	...	...	...	...	...	...	·1	·1	...	·1	...	...	...	·1	...	...	...	...	0·4	2
24	...	...	...	...	...	·2	·3	·4	·7	·9	·2	...	...	...	...	...	...	...	2·7	15
25	...	·2	·9	·8	1·0	...	·4	1·0	·9	·8	·4	·9	·1	...	·5	...	·1	...	8·0	45
26	...	...	...	...	...	...	...	...	...	·1	·1	·1	...	...	...	...	·1	...	0·4	2
27	...	...	·7	·6	·9	·9	1·0	·8	·8	·7	·6	·7	·9	·2	·2	...	·2	...	9·2	52
28	·1	...	·3	·9	·5	...	...	...	...	...	...	...	·4	·9	·5	·9	...	...	4·5	25
29	...	·1	...	·1	·9	·9	1·0	1·0	·9	·2	...	·8	·8	1·0	·2	·1	...	...	8·0	45
30	·3	1·0	1·0	·9	·6	·6	·9	·9	·9	·6	·4	·1	·2	·8	·8	·4	·4	...	10·8	61
Sum.	0·5	4·9	9·0	8·9	9·8	9·8	12·4	**14·2**	11·5	11·5	11·4	10·5	9·3	10·2	9·2	5·7	2·4	...	151·2	—
Mean.	·02	·16	·30	·30	·33	·33	·41	**·47**	·38	·38	·38	·35	·31	·34	·31	·19	·08	...	5·04	28
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

77. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **July, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	...	...	...	...	...	·1	·2	·1	·8	...	...	...	...	...	...	...	...	1·2	7
2	...	...	...	...	...	...	·2	·8	·9	1·0	·9	·6	·6	·6	·6	·8	·1	...	7·1	40
3	...	...	...	...	·2	·1	·2	·7	·8	·9	·8	·9	·9	·5	...	...	...	...	6·0	34
4	...	...	...	...	...	...	...	...	...	...	·8	·9	·6	1·0	·9	·9	·2	...	5·3	30
5	...	·1	·7	1·0	1·0	·8	·6	·5	·2	·2	·4	·6	·2	·3	·2	...	...	...	6·8	39
6	...	...	...	...	...	...	...	...	·1	·8	1·0	1·0	1·0	·5	...	...	...	...	4·4	25
7	...	...	...	...	...	...	...	...	·2	·3	·4	...	·8	1·0	·2	·2	...	...	3·1	18
8	·1	·7	·3	...	...	·2	·2	...	·1	...	...	...	...	...	...	...	...	...	1·6	9
9	...	·3	...	·4	·6	·2	·2	·8	·6	·3	...	·1	...	·4	·1	·7	·2	...	4·9	28
10	...	·1	...	...	...	·1	·1	·2	·2	...	...	...	...	...	...	...	...	...	0·7	4
11	...	...	...	·3	·6	·4	·4	...	·6	·4	1·0	1·0	1·0	1·0	1·0	·9	·3	...	8·9	51
12	...	...	·1	·5	·2	1·0	·9	1·0	·6	·9	1·0	·9	·7	·7	·3	...	...	...	8·8	51
13	...	...	·8	·8	·2	...	·1	·1	...	...	·3	...	...	...	...	...	...	...	2·3	13
14	...	·2	·5	·1	·6	·5	·9	·4	·1	·3	·3	·3	·3	·1	...	...	...	...	4·6	27
15	...	...	...	...	·3	·2	·6	...	...	·1	...	...	·1	·1	...	...	...	...	1·4	8
16	...	...	·1	...	...	...	...	·3	·8	1·0	·8	·9	1·0	·7	·2	...	...	...	5·8	34
17	...	...	·1	·7	1·0	·4	·8	1·0	·9	·4	·8	·5	·2	·2	...	·6	...	...	7·6	44
18	...	...	...	·3	·8	·4	1·0	·5	·3	·7	·5	...	...	...	·3	1·0	·2	...	6·0	35
19	...	·3	...	·8	·8	·9	·4	·6	·4	...	·5	...	...	...	·7	·4	·2	...	6·0	35
20	...	·3	1·0	·4	·3	·3	·4	·4	...	...	...	...	...	...	...	...	...	...	3·1	18
21	...	...	·7	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	7
22	...	...	·1	·1	...	...	...	...	·3	·8	·7	·8	...	...	...	...	...	...	2·8	17
23	...	...	...	·2	·8	·2	·1	·2	·8	·9	...	...	·5	·7	·6	·2	...	...	5·2	31
24	...	...	...	·6	1·0	·9	·6	·8	·5	·1	·1	·7	...	·2	·7	·7	·1	...	7·0	42
25	...	...	·1	·7	·9	·5	...	·2	·1	...	·5	·8	·1	...	...	...	...	...	3·9	23
26	...	...	...	...	...	...	...	...	...	...	·3	·2	...	·1	...	...	...	...	0·6	4
27	...	...	...	·1	...	...	·2	...	...	·1	·4	·8	1·0	·7	·8	1·0	...	...	5·1	31
28	...	...	...	...	·1	...	...	·4	...	·3	·6	·2	...	...	...	...	...	...	1·6	10
29	...	...	...	...	...	...	...	...	...	...	...	·9	·6	·6	·2	...	...	...	2·3	14
30	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	0·2	1
31	...	...	·4	·8	1·0	·9	1·0	·6	·7	·7	·9	·9	·7	·9	·3	·2	...	...	**10·0**	**61**
Sum.	0·1	2·0	4·9	8·2	10·4	8·0	9·0	9·7	9·3	11·2	**13·0**	**13·0**	10·3	10·3	7·1	7·6	1·3	...	135·4	—
Mean.	·00	·06	·16	·26	·34	·26	·29	·31	·30	·36	**·42**	**·42**	·33	·33	·23	·25	·04	...	4·37	26

78. Aberdeen : h_s = 20·7 metres. **August, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	0·1	1
2	...	...	...	...	...	...	...	·5	·1	·2	·3	·6	·5	...	...	·4	·6	...	3·2	20
3	—	·6	1·0	1·0	1·0	1·0	1·0	·9	·9	...	...	...	·1	...	...	...	...	—	7·5	47
4	—	...	·5	1·0	·9	1·0	·9	·4	...	·3	·6	·4	·1	·6	·6	·1	...	—	7·4	46
5	—	...	...	1·0	·8	·6	·9	·3	·5	...	...	·8	·8	·7	·9	·4	...	—	7·7	48
6	—	...	...	...	·1	·1	·1	...	...	·1	·1	·2	·4	·8	·9	·2	...	—	3·0	19
7	—	...	·3	·1	...	...	...	·3	·4	·2	·8	·4	·6	1·0	·7	1·0	·3	—	6·1	39
8	—	...	·2	·2	·1	·8	·7	·7	·1	·3	·1	...	...	...	·6	·8	...	—	4·6	29
9	—	...	...	·4	·1	...	·8	...	·8	1·0	·9	·6	·2	·8	·1	...	...	—	5·7	36
10	—	...	...	...	...	...	·1	·1	·2	·8	·8	·8	·6	...	...	...	...	—	3·4	22
11	—	...	...	·1	...	·1	·2	·1	·1	...	...	·1	·3	·1	...	...	...	—	1·1	7
12	—	...	...	·7	·2	·8	1·0	1·0	1·0	1·0	·3	1·0	1·0	·9	·8	·4	...	—	10·1	66
13	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
14	—	...	...	...	·4	...	·1	...	...	·6	·9	·1	...	...	...	...	...	—	2·1	14
15	—	...	...	...	...	·7	1·0	·5	·6	·6	·5	·9	·5	·3	·5	1·0	·1	—	7·2	47
16	—	...	·1	1·0	1·0	·6	·7	·9	1·0	1·0	1·0	·9	·1	...	...	...	...	—	8·3	55
17	—	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	·1	...	...	...	...	...	—	8·5	56
18	—	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	—	0·1	1
19	—	...	...	...	...	...	...	...	...	·1	·4	·2	·5	...	·1	...	...	—	1·3	9
20	—	...	...	...	·2	·3	·6	...	·2	...	...	...	...	...	...	...	...	—	1·3	9
21	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
22	—	...	...	...	·1	·1	·3	·7	·1	...	·2	...	·2	·1	...	...	...	—	1·8	12
23	—	...	...	·1	·5	·2	...	...	·1	...	...	...	...	...	...	...	...	—	0·9	6
24	—	...	...	...	...	·2	·5	·9	·8	...	·1	·7	·6	·3	·2	...	...	—	4·3	30
25	—	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·1	·3	...	—	0·6	4
26	—	...	·7	1·0	·7	·6	·2	...	...	·8	·5	·5	...	...	...	...	...	—	5·0	35
27	—	...	·8	...	...	·5	·9	·2	·4	·1	·7	·1	...	·9	1·0	·6	...	—	6·2	43
28	—	...	...	...	·2	...	·2	...	...	...	...	...	...	...	...	...	...	—	0·4	3
29	—	...	...	...	...	...	...	...	·1	·2	1·0	1·0	1·0	·9	...	...	...	—	4·2	30
30	—	—	...	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·1	—	—	**10·2**	**73**
31	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	...	0·6	4·6	7·6	7·5	9·7	**12·2**	9·5	9·4	9·3	10·6	10·5	8·6	8·5	7·4	5·3	1·0	...	122·3	—
Mean.	...	·02	·15	·25	·24	·31	**·39**	·31	·30	·30	·34	·34	·28	·27	·24	·17	·03	...	3·95	26

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

79. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **September, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	—	—	0·1	1
2	—	—	...	...	...	...	·5	·2	·3	·2	1·0	·7	·1	...	...	...	—	—	3·0	22
3	—	—	...	...	·1	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	—	—	10·2	74
4	—	—	...	...	...	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	—	—	9·3	68
5	—	—	...	...	...	·3	·9	1·0	1·0	1·0	1·0	·6	1·0	·9	·5	...	—	—	8·2	60
6	—	—	...	...	·1	·9	·8	...	·3	·9	·8	·3	...	...	...	...	—	—	4·1	30
7	—	—	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	—	—	0·1	1
8	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
9	—	—	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	—	—	0·2	2
10	—	—	...	·7	·9	·9	·9	1·0	1·0	·8	·7	·6	·4	·2	·1	...	—	—	8·2	62
11	—	—	...	...	...	...	...	·1	·5	1·0	·8	·9	1·0	·9	·1	...	—	—	5·3	40
12	—	—	...	·2	·4	·7	1·0	1·0	·6	·3	...	...	·1	·3	·2	...	—	—	4·8	37
13	—	—	...	·1	·8	1·0	·9	·7	·9	1·0	1·0	1·0	·7	...	·5	...	—	—	8·6	67
14	—	—	...	1·0	1·0	·8	...	...	...	·4	·7	·2	...	...	·5	...	—	—	4·6	36
15	—	—	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0·2	2
16	—	—	...	·7	·2	1·0	1·0	·8	·6	·2	...	·1	·5	·1	...	...	—	—	5·2	41
17	—	—	...	·2	...	·2	·2	·3	·4	·4	·6	·6	1·0	1·0	·8	...	—	—	5·7	45
18	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·8	·4	...	—	—	**10·9**	**87**
19	—	—	...	·4	·4	·3	·5	1·0	1·0	1·0	·9	·4	...	...	...	...	—	—	5·9	47
20	—	—	...	·1	1·0	1·0	1·0	1·0	·9	·9	·9	·1	...	...	...	...	—	—	6·9	56
21	—	—	...	...	...	...	·3	...	·3	1·0	1·0	1·0	1·0	·9	·7	...	—	—	6·2	50
22	—	—	...	·5	1·0	1·0	1·0	1·0	1·0	·8	·4	·2	·4	·4	·1	...	—	—	7·8	64
23	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
24	—	—	—	...	·3	·2	·7	·8	·6	·3	...	·5	·3	...	...	—	—	—	3·7	31
25	—	—	—	·3	1·0	1·0	1·0	1·0	1·0	·2	1·0	·6	·2	·6	·4	—	—	—	8·3	69
26	—	—	—	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	...	—	—	—	8·2	69
27	—	—	—	...	·4	·6	1·0	1·0	1·0	·3	·9	·9	·7	·9	...	—	—	—	7·7	65
28	—	—	—	...	·3	·8	·8	·4	·2	·6	...	·1	...	...	...	—	—	—	3·2	27
29	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
30	—	—	—	...	...	...	·8	·9	·7	·8	·3	...	...	...	...	—	—	—	3·5	30
Sum.	—	—	..	5·2	9·8	13·5	**17·2**	16·3	16·3	16·1	16·0	12·8	10·6	9·1	6·5	0·7	—	—	150·1	...
Mean	-	-	..	·17	·33	·45	**·57**	·54	·54	·54	·53	·43	·35	·30	·22	·02	—		5·00	39

80. Aberdeen : h_s = 20·7 metres. **October, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	...	...	·1	·9	·9	·9	·8	·5	...	...	...	...	—	—	—	4·1	36
2	—	—	—	...	...	...	...	·6	...	...	...	·4	·1	·3	...	—	—	—	1·4	12
3	—	—	—	...	...	...	·7	...	·1	·1	...	...	...	...	...	—	—	—	0·9	8
4	—	—	—	...	...	...	...	...	...	...	...	·3	·7	·3	...	—	—	—	1·3	12
5	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
6	—	—	—	...	...	...	...	·1	·7	1·0	1·0	1·0	·3	...	...	—	—	—	4·1	37
7	—	—	—	...	...	...	·6	1·0	·9	·5	1·0	·9	·8	·5	...	—	—	—	6·2	56
8	—	—	—	...	·7	·9	·9	·6	·9	1·0	1·0	·6	·1	...	...	—	—	—	6·7	61
9	—	—	—	...	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	...	...	...	—	—	—	7·9	73
10	—	—	—	...	...	...	...	...	...	...	·7	·4	...	·3	...	—	—	—	1·4	13
11	—	—	—	...	·6	1·0	1·0	·5	·2	·9	·2	...	...	...	...	—	—	—	4·4	41
12	—	—	—	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·8	·5	...	—	—	—	**9·2**	**87**
13	—	—	—	...	...	...	...	...	...	...	·5	·5	1·0	·3	...	—	—	—	2·3	22
14	—	—	—	...	...	...	...	·3	1·0	·6	1·0	·6	...	...	...	—	—	—	3·5	34
15	—	—	—	...	...	...	...	·2	...	...	...	...	...	...	...	—	—	—	0·2	2
16	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
17	—	—	—	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	·2	...	—	—	—	8·6	84
18	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
19	—	—	—	—	...	...	...	...	...	...	...	...	·3	...	—	—	—	—	0·3	3
20	—	—	—	—	...	...	...	...	...	·3	·6	·1	·4	·1	—	—	—	—	1·5	15
21	—	—	—	—	...	·3	...	...	1·0	·3	...	...	...	...	—	—	—	—	1·6	16
22	—	—	—	—	...	·1	·9	1·0	·8	·2	·6	...	...	...	—	—	—	—	3·6	37
23	—	—	—	—	...	...	·5	·8	·9	·8	·9	·6	...	...	—	—	—	—	4·5	46
24	—	—	—	—	...	·6	1·0	1·0	1·0	·9	·7	·1	·1	...	—	—	—	—	5·4	56
25	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
26	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
27	—	—	—	—	...	...	...	...	...	·1	·4	·1	...	...	—	—	—	—	0·6	6
28	—	—	—	—	...	·1	·1	...	...	...	...	...	...	...	—	—	—	—	0·2	2
29	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
30	—	—	—	—	...	·4	1·0	1·0	·9	·5	·5	...	...	...	—	—	—	—	4·3	47
31	—	—	—	—	...	·1	·1	·4	·5	·2	·7	·8	·6	·1	—	—	—	—	3·5	38
Sum.	—	—	—	...	3·9	6·6	10·7	11·4	12·8	11·2	**13·2**	9·3	6·0	2·6	....	—	—	—	87·7	—
Mean	—	—	—	...	·13	·21	·35	·37	·41	·36	**·43**	·30	·19	·08	...	—	—	—	2·83	28
Hour. L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

81. Aberdeen : h_s (height of recorder above ground) = 20·7 metres. **November, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	...	·1	·9	1·0	·6	...	...	...	...	...	—	—	—	—	2·6	29
2	—	—	—	—	...	...	...	·4	·2	...	·2	·1	·5	...	—	—	—	—	1·4	16
3	—	—	—	—	...	·2	·2	...	·1	·3	·2	·7	·5	...	—	—	—	—	2·2	25
4	—	—	—	—	...	...	·4	...	·2	...	·2	·1	...	...	—	—	—	—	0·9	10
5	—	—	—	—	...	...	...	...	...	·1	...	...	...	...	—	—	—	—	0·1	1
6	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
7	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
8	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
9	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
10	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
11	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
12	—	—	—	—	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	·5	...	—	—	—	—	**7·2**	**88**
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
14	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
15	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
16	—	—	—	—	—	...	...	...	·3	·9	·3	...	...	—	—	—	—	—	1·5	19
17	—	—	—	—	—	...	...	·7	·7	1·0	·5	...	...	—	—	—	—	—	2·9	37
18	—	—	—	—	—	·1	·5	·2	...	...	·7	·2	...	—	—	—	—	—	1·7	22
19	—	—	—	—	—	...	...	...	·4	...	...	...	...	—	—	—	—	—	0·4	5
20	—	—	—	—	—	...	·8	·5	...	...	...	...	...	—	—	—	—	—	1·3	17
21	—	—	—	—	—	...	·4	·3	...	...	...	...	...	—	—	—	—	—	0·7	9
22	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
23	—	—	—	—	—	...	...	...	...	...	...	·1	...	—	—	—	—	—	0·1	1
24	—	—	—	—	—	...	·3	1·0	·8	·2	·1	...	...	—	—	—	—	—	2·4	32
25	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
26	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
27	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
28	—	—	—	—	—	...	·6	1·0	1·0	1·0	1·0	·4	...	—	—	—	—	—	5·0	69
29	—	—	—	—	—	...	...	...	·7	·4	·7	...	...	—	—	—	—	—	1·8	25
30	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
Sum.	—	—	—	—	...	1·1	5·1	**6·1**	6·0	4·9	4·9	2·6	1·5	...	—	—	—	—	32·2	—
Mean.	—	—	—	—	...	·04	·17	**·20**	·20	·16	·16	·09	·05	...	—	—	—	—	1·07	13

82. Aberdeen : h_s = 20·7 metres. **December, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
2	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
3	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
4	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
5	—	—	—	—	—	...	...	...	·2	...	...	...	...	—	—	—	—	—	0·2	3
6	—	—	—	—	—	...	·3	·4	·9	1·0	·8	...	...	—	—	—	—	—	3·4	49
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
8	—	—	—	—	—	...	·5	1·0	1·0	1·0	1·0	...	...	—	—	—	—	—	**4·5**	**66**
9	—	—	—	—	—	...	...	·4	·5	·5	·6	...	...	—	—	—	—	—	2·0	30
10	—	—	—	—	—	...	·2	...	...	·1	...	...	...	—	—	—	—	—	0·3	4
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
12	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
13	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
14	—	—	—	—	—	...	...	·2	·9	·9	·2	·1	...	—	—	—	—	—	2·3	35
15	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
16	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
18	—	—	—	—	—	...	...	...	·1	·9	...	...	...	—	—	—	—	—	1·0	15
19	—	—	—	—	—	...	...	1·0	·3	·2	...	...	...	—	—	—	—	—	1·5	23
20	—	—	—	—	—	...	...	...	·3	·7	·1	...	...	—	—	—	—	—	1·1	17
21	—	—	—	—	—	...	...	·4	·8	1·0	·7	...	...	—	—	—	—	—	2·9	45
22	—	—	—	—	—	...	...	...	·1	...	...	...	...	—	—	—	—	—	0·1	2
23	—	—	—	—	—	...	...	·1	1·0	1·0	...	...	...	—	—	—	—	—	2·1	32
24	—	—	—	—	—	...	...	·1	...	...	·1	...	...	—	—	—	—	—	0·2	3
25	—	—	—	—	—	...	...	·1	·5	...	...	...	...	—	—	—	—	—	0·6	9
26	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
27	—	—	—	—	—	...	...	·6	1·0	·9	·1	...	...	—	—	—	—	—	2·6	39
28	—	—	—	—	—	...	...	·6	...	·4	...	...	...	—	—	—	—	—	1·0	15
29	—	—	—	—	—	...	·2	·6	...	...	...	...	...	—	—	—	—	—	0·8	12
30	—	—	—	—	—	...	...	1·0	1·0	·7	·7	·4	...	—	—	—	—	—	3·8	58
31	—	—	—	—	—	...	·1	·4	·8	·4	·6	·4	...	—	—	—	—	—	2·7	40
Sum.	—	—	—	—	—	...	1·3	6·9	9·4	**9·7**	4·9	0·9	...	—	—	—	—	—	33·1	—
Mean.	—	—	—	—	—	...	·04	·22	·30	**·31**	·16	·03	...	—	—	—	—	—	1·07	16
Annual Totals.	0·6	10·1	27·2	45·8	65·1	81·6	110·4	121·5	123·9	**125·4**	120·9	100·4	77·3	63·6	47·8	29·1	6·1	...	1156·8	—
Annual Mean.	...	0·03	0·07	0·13	0·18	0·22	0·30	0·33	0·34	**0·34**	0·33	0·27	0·21	0·17	0·13	0·08	0·02	...	3·16	26
Hour. L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

Direction expressed in degrees from North (E=90°, S=180°, W=270°, N=360°): Speed in metres per second.

83. Aberdeen : H_a (height of cups of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	290	3·9	300	4·9	300	3·9	—	1·3	250	1·6	—	0·7	—	0·7	320	3·3	300	3·0	330	1·6	300	2·3	290	3·3
2	230	1·6	240	1·6	220	2·0	220	1·6	230	2·3	230	1·6	—	0·7	—	0·3	—	1·3	—	0·7	—	1·3	310	1·6
3	300	4·6	300	5·2	300	3·9	300	3·0	300	3·3	300	3·6	290	3·0	300	4·3	290	3·6	290	3·3	290	2·6	290	3·6
4	—	1·3	—	1·3	220	2·0	—	1·3	210	2·3	210	2·3	200	3·3	200	3·3	210	3·9	220	3·6	220	3·6	220	3·3
5	220	3·3	210	2·3	190	2·6	210	3·0	190	3·9	180	2·6	200	2·0	200	2·3	220	4·6	220	4·9	190	3·0	220	3·6
6	220	2·0	180	2·3	190	1·6	180	3·3	180	3·6	180	3·3	190	2·3	190	3·6	200	3·9	190	3·6	200	4·3	200	3·6
7	170	5·2	170	5·6	170	5·6	170	5·9	160	6·6	170	5·9	170	4·6	160	5·9	160	7·2	160	7·9	160	6·9	170	7·2
8	150	8·9	150	8·9	150	9·2	140	10·5	130	11·8	130	11·5	130	11·1	130	10·5	130	10·5	130	12·1	130	10·8	130	11·1
9	100	9·2	100	8·5	90	9·8	100	7·9	90	7·9	100	6·9	90	6·2	80	5·6	70	7·0	80	5·6	100	5·2	100	5·9
10	140	5·6	140	5·6	120	6·9	140	7·5	130	7·5	130	8·5	130	9·2	130	9·5	130	8·5	140	9·5	130	8·5	130	6·9
11	220	3·6	230	1·6	—	1·3	—	1·3	—	1·0	—	1·0	280	3·0	280	2·0	290	2·0	290	2·3	300	3·0	300	2·0
12	150	10·5	150	10·5	160	6·6	190	4·9	200	3·9	210	3·6	210	3·9	210	4·3	210	4·6	220	5·9	220	8·9	220	9·2
13	230	2·6	210	1·6	200	3·9	—	1·3	—	1·0	—	1·0	—	0·7	—	0·0	—	0·3	—	0·7	180	2·3	180	3·9
14	190	1·6	170	2·0	—	1·3	—	1·0	—	1·3	220	2·0	—	1·0	200	2·0	—	1·3	—	1·3	190	1·6	210	2·0
15	160	3·9	170	3·9	170	2·6	180	1·6	170	3·6	180	2·6	170	3·0	170	3·6	170	3·9	180	4·3	180	3·9	170	5·2
16	150	4·6	140	3·0	150	3·9	150	4·3	150	4·6	150	4·9	150	7·2	150	7·9	150	5·9	150	7·9	150	7·5	150	7·2
17	150	8·5	150	8·2	150	7·2	150	7·9	140	8·2	140	7·5	140	8·5	140	6·9	140	7·9	130	8·5	130	8·5	130	8·2
18	170	4·6	170	3·6	160	4·6	150	5·6	150	5·9	150	6·9	140	7·5	140	6·6	150	7·5	150	7·9	150	8·5	140	7·9
19	210	2·6	200	2·3	200	2·3	210	3·3	220	3·9	210	4·6	210	3·9	210	2·3	210	2·3	200	2·6	230	3·6	220	3·6
20	—	0·3	—	0·7	270	1·6	300	3·0	300	8·9	310	7·2	310	6·9	310	6·2	300	4·6	290	3·9	290	4·6	290	5·2
21	220	1·6	230	2·6	240	2·3	—	1·3	270	1·6	—	0·7	—	0·7	—	1·3	190	1·6	—	1·3	170	2·0	160	3·9
22	170	6·2	170	5·6	160	7·2	170	6·2	170	4·9	170	5·9	170	5·9	180	3·6	180	5·6	180	5·2	180	5·2	180	4·9
23	180	1·6	170	2·6	170	2·6	180	2·0	190	2·3	180	2·3	180	3·6	180	1·6	190	3·9	180	5·2	180	5·2	180	6·2
24	200	4·9	200	6·6	200	4·6	190	5·9	190	4·9	190	3·3	180	2·6	200	2·3	200	3·0	210	2·6	190	2·3	160	2·0
25	220	2·6	220	3·3	220	2·6	230	3·6	230	2·3	220	3·3	200	2·3	210	2·3	210	3·9	210	4·6	200	3·6	220	6·6
26	220	6·9	230	5·6	250	10·8	240	9·8	230	8·5	220	9·5	210	8·2	210	6·6	210	4·6	210	7·5	210	7·2	210	7·5
27	310	3·9	300	7·2	290	6·6	280	6·9	280	5·6	270	5·2	270	5·6	270	6·6	270	5·2	280	6·6	290	8·9	290	7·2
28	290	6·2	300	6·9	300	6·2	310	6·9	310	7·2	310	5·9	310	3·9	300	3·6	300	4·3	290	2·6	290	3·0	300	3·3
29	220	1·6	210	1·6	180	1·6	—	1·3	220	2·0	230	2·0	280	3·0	—	1·0	—	1·0	—	1·0	—	1·3	—	1·3
30	—	1·3	—	1·3	—	1·3	—	0·3	—	1·3	—	1·0	—	1·3	220	4·9	230	4·3	240	2·6	210	1·6	240	1·6
31	210	2·0	210	3·6	210	3·0	240	3·0	210	3·6	230	3·3	210	2·0	330	2·0	210	4·6	220	5·2	220	5·2	220	6·6
Mean ..	—	4·1	—	4·2	—	4·2	—	4·1	—	4·4	—	4·2	—	4·1	—	4·1	—	4·4	—	4·6	—	4·7	—	**5·0**

84. Aberdeen : H_a = 14 metres + 23 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	260	4·3	240	3·9	240	4·9	220	3·9	—	1·3	190	2·6	—	1·3	210	3·0	200	2·6	200	2·3	200	3·6	230	5·2
2	270	6·9	270	8·5	280	9·5	290	11·5	290	13·4	300	15·1	290	14·8	300	13·8	300	13·8	300	13·8	300	13·8	290	12·8
3	310	11·1	310	10·8	300	9·5	300	7·9	300	9·2	290	7·5	290	5·9	290	5·6	270	4·3	280	5·2	290	8·9	280	10·2
4	310	9·2	290	4·3	270	3·3	280	4·6	260	2·0	260	4·3	270	4·3	270	3·6	270	2·6	280	3·3	270	3·3	260	3·9
5	270	6·6	270	7·5	260	7·5	260	7·5	270	8·5	280	9·8	290	10·2	300	13·4	310	16·4	310	13·4	310	12·8	310	11·5
6	330	5·6	320	3·9	320	3·0	320	3·0	320	3·0	320	3·3	300	3·0	310	3·0	300	1·6	300	2·0	290	1·6	—	1·0
7	300	4·3	300	5·6	270	3·3	280	3·3	280	3·0	—	1·3	260	2·6	280	2·3	290	1·6	300	3·6	290	3·3	300	3·9
8	—	1·3	180	1·6	180	2·3	180	1·6	180	2·6	180	3·0	180	3·3	180	3·9	170	4·6	180	5·6	180	6·6	180	5·2
9	160	7·2	160	7·9	160	9·2	160	8·2	160	8·9	160	9·8	150	8·9	150	11·1	150	9·5	150	9·8	150	10·2	150	9·8
10	120	9·2	110	8·9	110	4·9	190	1·6	—	1·3	—	1·0	—	0·0	180	2·3	200	3·3	190	2·6	170	2·3	140	2·6
11	140	7·2	130	6·6	140	6·9	140	5·9	130	6·6	130	7·2	130	6·6	130	6·9	130	7·2	140	7·2	140	6·2	140	6·6
12	130	8·5	120	7·9	130	8·5	120	9·2	120	9·2	120	8·9	120	8·9	120	9·2	120	10·5	120	9·5	120	9·5	120	10·8
13	130	8·5	130	7·9	120	7·5	120	8·2	120	8·2	120	7·5	120	8·2	130	7·5	130	7·5	130	7·5	130	7·5	130	7·2	140	6·9
14	180	2·3	200	2·6	210	2·3	220	2·6	220	2·3	230	3·0	250	3·3	250	2·6	240	2·3	220	3·9	230	5·2	220	5·9
15	290	4·3	290	5·6	290	5·6	270	2·3	270	2·0	260	2·0	270	2·0	260	1·6	280	3·3	310	5·2	310	5·6	310	5·9
16	340	2·3	—	1·0	300	2·0	300	2·6	300	1·6	300	2·3	—	1·0	—	1·0	—	1·0	—	1·0	—	1·3	240	2·3
17	250	1·6	—	1·0	290	1·6	250	2·0	240	2·6	—	1·3	—	1·3	—	1·3	210	2·0	170	1·6	—	1·3	210	3·6
18	250	3·3	280	3·0	320	6·2	320	7·5	340	8·5	350	6·6	350	6·2	350	5·9	350	6·9	350	7·5	350	7·5	340	6·6
19	350	4·9	330	5·2	340	4·6	340	4·6	340	4·6	320	3·3	310	3·3	300	3·6	310	3·0	310	3·9	310	3·9	280	2·3
20	290	2·6	310	4·3	290	2·0	280	1·6	280	1·6	260	3·0	240	2·3	—	1·0	—	1·3	—	0·7	250	2·3	250	2·6
21	250	3·6	240	3·3	240	3·6	260	3·0	300	3·0	290	6·6	310	8·2	310	6·2	310	6·9	320	8·9	340	7·9	340	6·9
22	320	3·9	320	4·3	330	3·9	340	4·3	350	4·3	350	5·2	340	4·9	350	4·9	350	4·3	350	5·2	360	5·2	350	4·3
23	320	3·0	310	3·6	310	4·3	310	5·9	300	5·6	300	6·2	300	5·2	310	6·6	320	5·9	320	8·2	310	8·2	310	9·2
24	250	4·6	290	5·6	290	4·9	300	7·2	320	9·2	310	8·5	310	8·2	310	8·5	310	7·2	320	9·5	330	10·5	330	9·2
25	330	5·9	320	4·9	330	5·6	340	4·3	340	3·9	360	4·6	10	5·6	10	6·2	20	6·6	20	7·5	30	8·2	30	8·2
26	310	3·6	310	3·3	320	3·0	340	2·6	330	2·6	320	2·6	320	2·0	300	1·6	310	3·3	310	2·0	—	1·0	140	2·0
27	210	3·9	220	3·3	220	3·0	210	2·3	210	2·6	240	3·0	240	2·6	300	4·3	310	6·6	310	7·2	320	9·8	320	8·2
28	350	6·2	340	4·9	340	4·3	320	4·3	330	5·2	330	3·9	320	4·9	310	5·2	310	6·2	320	4·6	310	5·2	300	5·2
29	220	6·9	220	7·2	230	6·2	240	4·9	270	8·5	290	9·8	280	9·8	280	9·2	300	10·5	290	10·2	290	12·1	280	8·2
Mean ..	—	5·3	—	5·1	—	4·9	—	**4·8**	—	5·0	—	5·3	—	5·1	—	5·4	—	5·6	—	6·0	—	**6·4**	—	6·2

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 14 metres + 23 metres.

January, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
320	3·3	—	1·0	—	1·0	—	1·3	—	1·3	—	0·3	—	0·7	—	1·3	—	1·0	—	1·3	260	1·6	250	1·6	1·9	1
—	1·3	—	1·3	—	1·0	—	1·0	—	1·0	—	1·0	—	0·7	290	2·3	300	2·6	300	3·0	300	3·0	290	4·6	1·6	2
290	2·6	300	2·6	300	2·3	—	1·3	290	2·0	300	2·3	290	2·0	—	1·3	—	1·3	—	1·3	290	2·0	—	1·3	2·8	3
—	1·3	220	2·0	—	0·7	—	1·0	—	0·7	—	0·7	—	1·3	—	1·3	—	0·7	230	2·3	230	3·0	230	3·9	2·0	4
210	3·9	210	4·3	200	4·6	200	4·3	200	3·6	210	3·9	210	3·9	230	3·9	230	5·6	220	5·2	180	2·0	200	1·6	3·6	5
190	4·3	190	5·9	170	3·6	190	4·9	190	4·3	180	3·9	180	4·3	190	4·3	180	4·3	180	4·3	180	3·3	170	3·9	3·6	6
160	7·2	170	5·6	160	6·6	160	6·9	150	7·9	160	7·2	160	7·5	150	7·2	150	7·9	160	7·9	150	7·9	150	8·5	6·7	7
130	11·1	120	12·1	120	12·1	120	11·8	120	13·1	120	13·1	110	12·5	120	10·2	110	10·5	100	10·8	100	9·8	90	10·2	**11·0**	8
100	6·6	120	8·9	150	4·9	160	5·9	150	4·3	120	7·2	170	3·9	180	3·3	150	3·6	140	5·2	140	5·2	130	5·2	6·4	9
120	8·5	110	8·9	130	8·9	140	4·3	210	2·0	210	3·0	230	3·3	220	2·6	220	2·0	220	4·9	200	3·3	220	4·9	6·3	10
—	0·7	—	1·0	—	1·3	230	2·3	230	2·6	210	1·6	200	2·0	200	3·0	200	3·0	210	2·3	170	4·3	150	9·2	2·3	11
220	9·2	220	9·2	220	9·8	220	7·2	220	9·5	220	7·9	210	5·9	220	5·6	200	6·6	200	6·9	210	3·6	210	3·9	6·9	12
190	4·6	180	6·6	200	4·6	210	4·3	200	4·3	210	4·6	220	4·9	230	7·2	240	5·9	270	3·6	190	1·6	180	3·0	3·1	13
210	2·6	210	2·3	—	1·3	—	0·7	—	0·7	—	1·0	—	0·7	—	1·3	180	2·3	170	3·0	160	3·6	160	3·6	1·7	14
180	3·9	170	4·6	150	4·6	170	4·9	170	4·9	160	3·9	170	4·3	170	3·0	180	3·3	170	2·6	150	2·6	140	3·9	3·7	15
150	7·9	150	6·2	150	6·6	150	6·2	150	6·9	150	6·2	150	6·9	150	6·9	150	8·5	150	8·5	150	8·9	140	9·5	6·5	16
140	8·9	150	6·6	150	6·9	140	7·2	150	7·2	160	5·6	160	5·2	150	6·2	160	5·6	170	3·0	160	3·9	160	3·9	7·0	17
140	7·2	130	7·2	150	4·9	170	2·0	180	2·6	180	2·6	160	2·3	170	2·6	190	2·6	200	2·3	220	2·6	210	2·6	5·0	18
220	3·9	220	3·6	230	3·3	230	4·6	—	1·3	200	1·6	—	0·7	—	0·3	—	1·0	—	0·7	270	1·6	300	2·0	2·6	19
290	3·3	280	3·9	280	3·3	280	3·0	280	3·3	290	2·6	260	2·3	270	3·9	270	3·6	280	4·3	270	1·6	—	1·3	3·7	20
170	3·6	180	4·3	170	4·3	170	4·9	170	5·6	170	5·9	170	5·6	170	5·2	170	6·6	160	7·5	170	5·9	170	5·9	3·5	21
190	3·3	200	3·3	190	3·3	190	3·0	190	3·3	200	3·0	200	2·3	190	3·0	210	2·6	190	2·3	190	2·6	190	2·6	4·3	22
180	6·6	180	6·6	180	5·2	180	5·6	170	5·6	180	5·6	180	5·9	180	5·9	180	6·9	180	6·9	180	7·2	180	5·9	4·6	23
180	2·0	220	4·9	230	5·2	260	2·3	240	4·6	250	3·6	280	1·6	250	2·3	220	1·6	200	1·6	—	0·7	220	2·3	3·3	24
220	6·6	190	4·9	190	3·6	200	3·0	180	2·3	210	2·6	—	1·3	190	3·6	210	5·6	200	3·3	220	3·3	220	4·3	3·5	25
220	9·5	220	10·2	220	8·9	220	8·2	230	6·2	220	8·5	220	6·2	200	4·6	180	2·3	240	6·2	300	7·2	300	4·9	7·3	26
300	8·9	300	8·5	290	6·6	290	7·2	290	4·6	290	4·3	290	4·6	290	4·3	290	4·9	290	6·2	280	4·3	290	5·6	6·1	27
290	3·3	280	3·0	280	2·0	260	2·0	240	2·0	—	1·0	—	1·0	220	2·0	220	2·6	220	3·0	210	2·6	210	2·6	3·7	28
—	0·7	—	0·7	—	0·3	—	0·3	—	0·7	240	1·6	260	3·0	—	1·3	—	1·0	—	1·0	—	1·3	—	0·7	1·3	29
—	1·0	—	0·7	—	0·7	—	0·7	—	0·7	—	0·7	—	0·3	250	1·6	—	0·7	—	0·7	—	0·3	—	1·0	**1·3**	30
220	4·6	220	3·9	240	4·9	230	6·2	230	3·9	260	3·6	280	4·3	290	3·9	—	1·3	290	2·3	250	2·6	250	3·9	3·7	31
—	4·9	—	5·0	—	4·4	—	4·1	—	4·0	—	3·9	—	**3·6**	—	3·7	—	3·8	—	4·0	—	3·7	—	4·1	4·2	—

February, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
250	4·9	260	7·2	280	5·2	270	5·2	270	4·6	240	3·3	260	4·9	250	3·9	240	3·9	230	3·3	250	4·6	260	4·6	3·9	1
290	11·8	290	9·8	290	11·1	290	10·2	290	9·8	290	10·8	290	12·1	290	11·1	290	11·5	290	12·5	290	11·5	300	9·5	**11·5**	2
290	7·9	280	5·6	280	5·2	270	5·2	260	5·6	260	6·2	270	5·6	270	5·2	280	5·6	320	2·6	280	3·3	290	8·2	6·8	3
280	2·6	250	2·6	250	1·6	260	3·6	260	3·3	260	3·9	270	4·9	270	6·6	270	6·2	260	6·2	260	5·2	260	5·9	4·3	4
320	11·1	310	10·5	320	9·2	310	9·5	320	8·5	320	7·9	320	6·9	320	7·5	320	6·6	320	5·6	320	6·9	320	4·9	9·2	5
—	0·7	—	0·3	—	0·3	—	0·3	—	0·3	—	1·0	290	3·6	310	5·9	300	6·9	300	7·5	290	3·9	260	2·6	2·9	6
290	3·0	300	2·0	—	0·7	—	1·0	—	1·3	210	2·0	—	1·3	—	1·0	—	1·0	—	0·3	—	1·0	—	1·0	2·3	7
190	6·6	190	5·9	180	6·2	170	5·9	170	6·6	180	6·2	170	6·9	170	7·2	170	5·9	190	5·2	170	6·6	170	6·6	4·8	8
150	10·8	140	10·2	140	9·8	140	9·8	140	10·5	140	9·5	140	9·8	140	9·5	140	10·5	140	8·9	130	8·2	130	8·9	9·4	9
140	3·3	150	6·9	140	7·2	130	7·2	130	7·5	130	8·5	130	7·2	140	7·5	130	7·5	140	7·2	140	6·2	140	7·2	5·2	10
140	7·2	140	7·2	130	6·6	130	8·5	130	7·9	130	8·9	130	8·2	120	8·5	130	6·9	130	9·2	120	8·2	130	8·5	7·3	11
130	10·2	130	8·9	120	8·9	120	10·5	120	10·5	130	10·8	130	9·2	130	9·2	130	9·5	130	9·5	130	8·9	130	8·9	9·4	12
140	6·2	140	5·9	140	5·6	140	4·9	150	4·9	150	3·9	150	3·9	150	3·9	160	3·3	180	2·3	190	2·0	160	3·3	6·1	13
230	4·3	240	3·3	260	3·6	250	2·3	230	2·3	240	2·6	240	2·0	250	2·3	250	2·3	230	1·6	—	1·3	280	2·3	2·9	14
320	5·2	320	5·9	360	4·6	320	3·3	320	3·6	320	4·3	320	3·3	330	3·9	340	3·0	350	3·0	350	2·6	350	2·0	3·8	15
210	2·6	210	2·6	220	4·3	220	2·6	220	1·6	220	2·0	240	2·3	—	1·3	—	1·3	230	1·6	240	1·6	—	1·3	**1·9**	16
200	3·9	220	4·3	220	3·9	230	3·9	210	4·6	230	3·9	230	5·9	220	4·6	210	4·3	220	3·9	230	3·9	240	3·9	3·0	17
340	7·9	340	7·5	340	7·2	340	7·5	340	6·6	350	5·6	350	6·2	350	5·6	340	6·2	340	5·6	340	5·9	340	5·9	6·3	18
240	2·3	220	2·3	210	3·3	220	3·0	220	3·6	230	3·0	230	1·6	—	1·3	—	1·0	—	1·3	—	0·7	290	1·6	3·1	19
280	3·0	300	3·0	—	1·0	—	0·7	250	2·3	270	2·0	270	2·3	260	2·0	—	1·0	—	1·0	—	1·0	250	2·0	1·9	20
350	5·6	340	4·9	330	5·9	330	3·9	340	4·3	340	4·6	330	5·2	330	4·6	340	4·3	330	4·3	330	4·3	320	3·9	5·1	21
350	4·6	350	4·6	350	5·2	350	4·6	350	3·3	340	3·3	340	4·3	340	3·6	320	4·3	330	4·3	330	4·3	330	3·0	4·4	22
310	9·5	310	9·8	310	6·9	300	6·2	290	3·9	290	4·6	280	4·6	280	3·9	280	5·9	270	5·2	260	5·6	270	5·2	5·9	23
340	8·5	350	6·9	340	7·5	340	6·6	340	5·9	350	5·6	360	4·9	350	3·6	350	4·3	340	4·3	340	4·6	330	5·2	6·7	24
40	7·5	40	7·5	40	6·2	30	4·6	10	2·6	10	2·3	330	3·0	320	3·3	330	3·0	350	2·3	320	2·0	300	3·3	5·0	25
140	2·3	170	1·6	170	2·0	190	2·0	190	3·0	210	2·3	210	3·3	210	3·3	210	4·3	210	3·9	210	3·6	210	3·9	2·7	26
350	8·2	360	4·9	350	5·6	350	5·6	340	4·3	340	6·2	340	6·6	340	5·9	340	4·9	340	3·9	350	4·6	320	4·3	5·1	27
300	4·9	290	4·3	280	2·6	260	2·3	230	2·0	220	2·3	210	2·3	210	3·6	220	4·6	210	4·6	210	4·6	210	4·9	4·3	28
280	9·2	270	9·2	280	10·5	280	11·1	280	11·5	280	16·4	290	17·4	290	18·7	280	17·4	280	14·1	280	13·4	280	13·8	10·9	29
—	6·1	—	5·7	—	5·4	—	5·2	—	5·1	—	5·3	—	5·5	—	5·5	—	5·4	—	5·0	—	4·8	—	5·1	5·4	—

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$) : Speed in metres per second.

85. Aberdeen : H_a (height of cups of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	290	10·5	300	11·5	300	11·1	300	9·5	300	8·5	300	8·9	310	9·2	310	12·8	310	11·1	310	13·1	310	12·1	290	11·1
2	290	7·2	290	4·6	280	4·6	280	4·9	280	4·9	270	3·9	270	3·0	280	3·3	250	2·0	260	2·3	260	1·6	280	1·6
3	—	1·0	—	1·3	—	1·3	—	1·0	230	2·0	250	1·6	250	2·0	—	1·3	—	1·3	—	1·0	290	1·6	280	2·0
4	—	1·3	270	1·6	—	1·0	—	1·3	—	1·3	—	1·3	—	0·7	250	1·6	—	1·0	260	1·6	270	2·0	260	2·3
5	280	5·9	290	9·8	290	8·5	280	5·9	290	6·6	290	5·9	290	6·2	300	5·6	310	7·9	310	5·9	310	6·2	320	5·2
6	300	4·3	290	3·6	280	2·6	290	3·3	290	3·9	290	3·6	270	2·3	250	2·3	—	1·3	260	2·0	210	1·6	190	3·3
7	210	5·6	210	5·6	210	4·9	210	5·6	200	5·2	200	5·6	220	7·2	220	6·9	220	6·2	230	6·2	210	4·9	210	4·3
8	200	3·9	220	4·9	200	4·6	210	4·9	210	5·2	210	6·2	210	6·9	210	6·9	210	6·9	210	8·5	220	6·6	220	6·2
9	—	0·7	—	0·3	—	0·7	—	1·0	—	1·3	220	3·0	220	1·6	210	3·0	220	2·3	210	2·3	220	3·6	220	4·3
10	—	1·3	300	2·0	—	0·7	—	1·0	—	1·0	300	3·0	290	2·0	310	2·0	10	1·6	30	3·0	30	3·0	30	3·3
11	130	3·3	140	3·9	140	2·6	140	3·0	140	2·3	160	3·0	160	3·3	160	3·3	170	4·3	170	4·3	170	4·6	170	3·6
12	200	1·6	200	2·0	200	2·3	200	2·0	200	2·0	190	2·3	190	2·6	180	2·6	180	3·6	180	4·6	170	5·6	170	5·2
13	180	5·6	180	4·6	190	3·0	180	2·3	170	3·3	160	3·6	170	3·3	170	4·6	170	4·6	180	5·9	180	6·9	190	6·9
14	200	3·3	200	3·3	190	3·6	180	3·6	180	3·3	210	3·0	180	2·3	170	3·3	170	3·3	180	4·3	180	2·6	190	3·3
15	—	1·3	—	0·7	—	1·0	300	2·0	310	2·0	300	1·6	—	1·0	320	1·6	—	1·0	310	2·6	300	3·9	300	4·3
16	270	3·0	270	2·6	290	3·9	290	4·3	290	5·9	300	4·6	310	3·0	310	3·6	300	4·3	320	5·2	330	7·2	320	7·9
17	310	4·9	290	4·9	310	3·9	310	4·6	300	5·2	300	5·2	300	5·6	300	4·9	310	4·6	320	4·6	320	6·2	310	5·2
18	250	2·3	250	3·3	260	4·3	290	8·9	300	7·2	310	5·2	310	3·9	300	3·6	300	3·3	310	3·9	320	4·3	330	2·6
19	240	2·6	240	2·6	250	3·6	—	1·0	290	3·9	290	3·3	340	3·6	350	4·9	350	3·6	350	3·6	40	7·5	40	8·5
20	280	1·6	—	1·0	—	1·3	—	1·0	—	1·3	—	1·3	210	1·6	200	2·0	200	2·3	200	3·6	180	5·6	190	5·9
21	210	3·3	200	3·6	200	3·6	200	4·3	190	3·9	190	3·9	190	2·3	190	3·9	190	3·9	180	4·9	190	3·6	180	3·9
22	140	2·0	130	1·6	130	1·6	140	2·0	120	2·3	120	2·3	130	3·3	130	3·6	130	3·3	140	4·3	130	4·3	140	5·2
23	300	2·6	300	2·0	—	1·3	290	2·0	300	1·6	340	2·0	40	2·6	60	3·6	70	4·3	70	5·9	70	5·9	60	6·2
24	60	5·2	70	5·6	60	5·6	60	6·2	50	6·6	60	6·6	50	6·6	50	5·9	30	5·6	40	5·9	40	4·9	30	4·9
25	90	3·3	90	3·9	100	3·6	100	4·3	100	4·9	90	4·3	90	5·2	100	3·9	110	4·3	110	3·9	110	4·3	110	3·6
26	120	4·3	130	3·3	120	3·3	120	3·3	130	3·6	120	4·3	130	3·6	120	4·6	120	5·2	130	3·9	140	4·3	140	4·3
27	190	2·3	200	2·0	220	2·6	220	3·9	220	2·3	220	2·6	240	2·3	300	2·6	330	2·6	10	3·3	30	2·3	10	3·6
28	300	2·0	310	2·6	300	2·0	300	2·6	310	2·6	300	3·3	300	3·9	300	3·9	310	3·9	310	4·6	320	3·9	330	3·9
29	290	3·0	290	3·3	300	4·6	300	3·3	300	3·0	300	3·3	310	2·3	320	3·6	330	4·9	330	4·3	330	4·6	350	4·6
30	330	2·3	330	2·3	320	2·6	330	2·6	330	1·6	330	2·3	310	2·0	300	2·3	330	2·6	320	3·0	350	2·3	310	2·6
31	290	3·0	290	2·6	290	3·0	290	3·0	290	3·3	300	3·3	300	4·3	310	4·9	310	4·9	320	5·6	330	4·9	340	5·2
Mean ...	—	3·4	—	3·4	—	3·3	—	3·5	—	3·6	—	3·7	—	3·5	—	4·0	—	3·9	—	4·5	—	4·5	—	4·7

86. Aberdeen : $H_a = 14$ metres + 23 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	320	3·0	330	3·3	310	2·6	320	3·0	330	2·6	340	2·0	350	2·3	10	3·3	10	3·0	20	4·3	50	3·3	70	3·6
2	290	1·6	290	2·6	290	2·0	280	1·6	290	1·6	290	2·0	290	1·6	300	1·6	—	1·0	—	1·3	120	3·0	120	3·9
3	190	1·6	—	1·0	—	1·0	—	1·0	—	1·3	—	0·7	—	1·0	—	0·7	—	1·3	80	2·3	80	1·6	90	2·3
4	300	2·0	300	2·3	310	2·0	300	2·6	300	3·0	300	2·0	320	2·0	310	2·0	330	2·0	340	2·3	20	2·3	110	2·0
5	300	2·0	300	2·6	290	3·3	290	2·3	290	2·0	290	1·6	—	1·0	—	1·0	260	1·6	310	2·6	300	3·9	60	2·6
6	320	2·0	270	1·6	300	3·0	300	3·0	300	3·0	280	2·3	280	2·3	280	3·9	300	4·9	310	5·6	320	5·2	320	4·9
7	250	4·3	230	3·9	230	2·0	230	3·0	280	2·6	—	1·0	140	1·6	150	3·3	—	1·0	120	2·3	280	4·6	270	5·2
8	270	3·6	260	3·6	250	3·3	250	4·3	250	5·6	240	5·6	260	6·2	280	7·9	290	12·1	300	10·2	300	11·5	290	10·2
9	—	0·7	290	2·0	290	2·6	290	3·0	290	2·6	290	2·6	290	2·3	300	2·3	—	1·3	110	3·6	110	4·3	100	5·9
10	110	6·9	100	8·2	100	7·5	100	7·5	100	7·2	100	7·5	100	7·5	100	7·5	90	8·5	100	8·2	100	6·9	100	5·9
11	—	1·0	—	1·3	—	0·7	—	1·3	—	1·0	—	1·3	220	2·3	200	3·0	190	3·9	200	4·9	190	5·6	180	5·2
12	—	0·7	—	0·7	—	1·0	—	1·3	300	1·6	300	2·3	310	2·3	300	2·6	360	2·3	20	3·0	10	2·6	340	2·0
13	290	2·3	290	2·0	290	2·3	—	1·3	—	1·0	—	1·3	—	0·7	—	0·3	140	3·3	140	4·9	150	4·9	140	4·6
14	130	8·2	130	8·9	130	7·5	130	6·9	110	3·3	—	0·7	—	0·3	300	2·3	140	4·6	140	3·0	130	2·6	180	1·6
15	200	3·9	200	3·3	190	2·6	190	3·9	200	3·9	200	5·2	200	5·6	210	4·9	210	6·2	210	7·9	220	7·9	220	7·2
16	240	5·9	240	4·6	240	3·6	250	5·2	240	2·0	260	2·3	270	3·9	290	6·6	300	8·5	290	9·8	290	9·8	280	9·2
17	280	4·6	290	4·3	270	2·3	270	2·6	290	3·9	290	2·6	290	4·6	300	5·2	310	5·9	310	4·6	310	4·6	310	3·3
18	180	1·6	—	1·3	190	2·6	—	1·3	—	1·0	—	1·3	—	1·0	210	3·3	210	4·3	190	3·9	210	4·6	200	3·6
19	160	2·6	220	3·0	—	1·3	230	2·3	260	2·0	290	2·0	—	1·3	270	2·3	300	4·3	320	2·6	300	2·6	310	3·3
20	240	1·6	—	1·0	210	1·6	230	2·3	220	2·3	230	1·6	—	1·0	200	1·6	210	2·3	—	1·3	—	1·3	290	3·3
21	300	4·3	300	7·5	300	8·5	310	6·9	340	3·9	340	3·0	330	3·3	340	3·6	330	5·2	340	4·9	330	5·9	330	7·5
22	320	4·3	310	2·6	310	3·9	310	3·9	310	5·6	300	4·9	300	5·6	310	6·6	310	7·2	330	5·9	330	6·6	330	6·2
23	280	3·0	270	2·6	280	3·0	230	2·0	240	3·6	230	3·0	230	3·3	250	4·6	250	3·3	260	3·3	260	3·3	180	2·6
24	300	3·0	300	2·3	290	2·3	300	3·0	300	3·0	290	1·6	—	1·3	—	1·0	—	1·0	170	4·3	160	4·3	150	5·6
25	200	2·3	200	2·0	200	2·3	190	2·3	180	2·0	200	3·3	190	3·6	190	3·9	150	3·6	180	3·3	190	4·3	180	2·3
26	180	2·0	180	2·3	170	3·3	150	1·6	—	1·0	—	1·0	—	1·3	120	1·6	170	2·3	160	3·3	140	4·9	150	5·6
27	170	2·0	170	2·0	—	1·3	—	0·3	—	1·0	—	1·3	220	2·6	220	3·3	240	3·3	270	3·3	280	3·3	280	4·9
28	—	0·7	—	1·3	—	1·3	—	1·3	—	0·3	—	0·3	—	0·7	—	1·3	—	0·7	120	2·3	90	3·6	90	4·3
29	—	1·0	320	1·6	320	2·0	320	2·0	310	1·6	300	2·3	320	2·3	360	2·0	60	2·3	70	2·6	80	3·0	100	3·3
30	140	4·3	130	4·6	140	3·9	120	4·9	110	4·9	110	4·9	100	5·9	90	6·9	90	6·6	80	6·6	70	6·6	80	5·6
Mean ...	—	2·9	—	3·0	—	2·9	—	2·9	—	2·7	—	2·5	—	2·7	—	3·3	—	3·9	—	4·3	—	4·6	—	4·6

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 14 metres + 23 metres.

March, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
280	11·8	280	11·1	280	11·1	280	7·9	280	9·5	290	10·8	280	10·5	280	7·9	290	9·8	300	10·2	300	9·8	290	8·2	**10·5**	1
—	0·7	—	1·0	—	1·0	—	0·3	—	0·7	—	1·3	—	0·7	—	1·0	—	1·0	—	1·3	—	1·3	—	1·3	2·5	2
280	1·6	280	2·3	280	2·3	250	2·0	—	1·3	—	1·3	—	1·3	—	0·7	—	1·3	260	1·6	—	1·3	—	1·0	**1·5**	3
270	4·6	270	4·3	290	5·6	290	6·6	290	6·6	290	5·6	280	4·9	280	4·9	270	5·6	270	4·3	270	3·9	270	4·6	3·2	4
320	4·6	310	3·6	300	3·6	310	2·6	310	2·0	310	3·3	300	5·9	300	6·2	310	6·9	310	6·6	310	6·9	300	5·2	5·7	5
200	4·3	190	4·6	200	5·6	210	5·6	210	5·6	210	6·6	220	5·2	210	4·6	210	4·6	200	5·9	210	6·2	210	5·9	4·1	6
210	4·3	220	5·6	220	3·6	220	6·2	220	5·6	220	6·2	230	5·6	230	4·6	220	4·3	220	5·6	220	5·6	210	4·9	5·5	7
220	7·2	220	6·6	210	5·2	220	5·6	210	4·3	200	2·0	210	3·0	230	3·3	—	0·7	—	0·7	—	0·7		0·7	4·7	8
210	4·6	220	3·9	230	3·3	240	3·0	200	1·6	—	1·3	260	1·6	—	1·0	—	0·7	—	1·0	—	0·7	—	0·7	2·0	9
30	3·3	40	2·3	40	3·0	60	3·3	80	3·3	120	2·6	120	2·3	130	4·6	130	4·6	130	3·9	140	3·3	130	3·3	2·6	10
170	3·6	160	4·6	170	4·3	170	3·9	180	3·6	170	3·0	180	3·9	190	3·6	180	3·9	190	3·3	—	1·3	—	1·3	3·5	11
170	4·9	170	5·6	180	4·3	180	5·2	180	4·6	170	4·3	170	4·9	170	3·6	180	3·9	190	4·3	180	4·9	180	3·6	3·7	12
180	6·2	180	6·6	180	4·9	190	4·9	200	3·0	180	4·6	200	3·9	210	1·6	190	2·0	210	300	210	2·6	180	3·6	4·2	13
170	2·3	190	2·3	200	3·9	200	3·6	210	3·0	200	1·6	220	2·0	220	1·6	—	1·0	—	1·0	—	0·7	—	1·3	2·7	14
320	5·2	320	3·9	330	3·9	310	4·3	320	3·3	330	1·6	—	1·0	—	1·0	—	1·3	250	1·6	280	2·3	270	2·6	2·3	15
320	7·2	320	7·9	320	9·2	320	6·6	330	5·9	330	5·2	330	5·2	320	3·9	310	3·3	310	4·9	300	4·3	310	4·3	5·1	16
320	5·9	310	6·2	310	5·2	320	6·9	320	5·2	330	3·3	330	3·0	290	2·0	280	2·3	280	2·3	270	1·6	260	3·6	4·5	17
330	2·6	—	1·0	—	1·0	280	2·0	200	2·3	200	3·0	210	3·3	200	4·3	210	4·3	210	3·9	200	2·0	230	2·3	3·6	**18**
40	8·9	40	7·5	40	6·9	50	5·9	50	4·3	40	2·6	—	1·0	—	1·3	300	2·0	290	2·0	—	1·0	—	1·0	3·9	**19**
190	5·6	190	5·6	180	4·9	180	5·2	190	4·6	190	4·3	190	5·2	200	3·3	210	3·6	210	4·3	210	4·9	210	3·9	3·4	**20**
170	3·9	170	3·6	170	3·3	180	3·0	190	3·0	190	2·0		1·3	—	1·0	—	0·7		0·3		0·7		1·0	2·9	21
140	3·9	120	3·9	100	4·3	90	4·6	70	3·6	40	3·6	30	3·9	30	4·3	30	3·3	20	2·3	10	1·6	300	2·3	3·2	22
50	6·6	50	6·6	50	7·2	50	8·2	50	7·9	40	7·9	30	6·6	30	5·9	20	5·6	30	4·6	30	3·0	50	3·9	4·7	23
40	4·9	40	4·3	40	4·3	30	3·6	40	3·9	30	3·0	60	3·3	80	2·0	70	2·3	80	2·0	90	4·3	90	3·0	4·6	24
110	3·9	110	4·3	110	4·3	110	3·9	110	3·9	120	3·9	120	4·3	130	3·0	120	4·6	120	4·9	130	4·6	130	3·6	4·1	25
140	4·6	140	4·3	140	3·9	140	3·3	140	3·9	150	3·3	170	2·3	180	1·6	170	2·6	170	2·0	190	2·0	200	1·6	3·5	26
10	3·3	10	3·9	10	3·6	10	3·3	350	2·6	350	1·6	350	2·0	340	2·0	320	1·6	320	2·0	320	2·3	310	2·0	2·6	27
330	3·6	330	3·3	10	3·3	360	3·6	360	3·3	330	3·0	320	2·3	310	2·3	290	2·3	290	3·6	290	2·6	290	2·6	3·1	28
360	4·6	350	4·9	360	3·6	350	4·3	350	3·9	350	3·3	350	2·3	340	3·0	340	3·0	320	2·0	320	2·6	310	1·6	3·5	29
310	2·3	290	2·0	120	2·0	130	1·6	—	1·3		1·3		1·0	—	0·7		1·0	290	1·6	290	2·6	290	2·6	2·0	30
340	5·2	350	3·9	350	5·2	350	5·2	350	4·3	350	3·9	340	3·0	330	3·6	320	3·6	320	3·3	320	3·3	310	3·3	4·0	31
—	**4·7**	—	4·6	—	4·4		4·4	—	3·9		3·6		3·4	—	3·0	—	3·2		3·2	—	3·1		**2·9**	3·8	

April, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
60	4·6	60	5·2	60	4·6	60	4·6	60	3·6	60	3·9	60	2·6	60	1·6	—	1·0	290	2·0	290	2·3	290	2·0	3·1	1
130	3·6	130	3·3	130	2·6	160	2·3	170	2·0	180	1·6	—	1·3	—	1·3	220	1·6	—	1·0	190	1·6	—	1·3	2·0	2
90	2·3	80	3·3	70	3·0	50	3·0	40	2·6	30	2·3	20	1·6	360	1·6	350	1·6	320	2·0	310	2·3	300	2·3	**1·8**	3
130	1·6	120	1·6	110	1·6	350	1·6	350	2·6	330	3·0	330	2·0	310	1·6	300	2·3	290	2·3	300	3·3	300	3·0	2·2	4
160	2·6	160	3·3	150	2·0	40	2·3	10	2·0	300	3·9	300	2·3	310	3·0	310	3·0	300	2·3	290	2·0	300	3·6	2·4	5
320	3·9	320	3·6	320	3·6	350	2·6	170	2·3	190	2·3	220	2·0	240	2·3	240	2·6	240	3·3	240	2·0	230	2·0	3·1	6
270	7·2	270	5·9	270	7·2	270	5·9	260	7·5	260	5·9	260	5·6	270	4·9	260	4·9	260	4·6	270	4·6	280	5·9	4·3	7
290	11·1	290	9·8	280	9·5	290	9·2	280	3·6	300	5·2	290	3·6	270	3·3	280	2·6	320	2·3	330	3·6	—	0·3	6·3	8
130	6·2	140	3·9	110	7·5	120	4·9	120	7·2	130	4·9	160	3·6	120	6·6	110	7·2	110	6·9	130	6·6	120	5·9	4·2	9
100	5·2	90	5·2	90	4·6	100	3·3	80	3·0	80	3·0	90	2·0	140	1·6	—	1·0	180	1·6	—	1·0	—	1·0	5·2	10
180	4·9	210	3·9	240	2·3	200	3·3	190	4·3	210	4·3	220	3·0	230	3·6	220	2·3	210	3·3	230	2·3	—	1·3	2·9	11
30	4·3	30	5·2	40	3·9	40	4·9	10	3·3	40	3·9	50	5·2	350	3·0	290	2·0	320	2·0	300	2·6	290	2·6	2·7	12
130	5·6	140	6·2	140	5·6	140	5·6	140	5·6	140	6·2	140	6·2	130	6·6	120	6·9	120	8·2	120	8·2	130	7·5	4·4	13
310	4·9	310	3·9	300	3·9	300	4·9	290	5·9	270	4·6	260	3·6	250	3·3	230	3·6	240	3·9	250	3·6	220	3·9	4·2	14
220	6·6	230	6·9	230	8·5	230	8·9	240	6·6	240	6·2	240	3·3	220	4·3	210	3·6	200	2·6	190	2·0	210	3·6	5·2	15
280	10·2	270	7·9	290	8·9	290	9·2	300	7·5	290	7·9	310	7·9	300	6·6	300	6·2	290	4·9	280	3·0	280	3·6	**6·5**	16
290	3·0	190	3·3	170	4·3	160	3·6	170	3·3	160	3·3	180	3·0	170	3·3	190	2·0	—	1·3	190	2·0	200	2·0	3·5	17
210	4·9	210	3·9	220	5·2	220	5·9	220	3·6	200	3·0	180	2·0	160	2·0	250	2·0	220	3·3	210	3·0	170	2·3	2·9	18
—	1·3	130	2·0	140	1·6	—	1·3	—	1·0	—	1·0	—	0·7	—	0·3	250	1·6	260	1·6	270	2·0	270	1·6	1·9	19
300	4·6	290	6·6	290	3·9	290	4·6	290	6·9	290	6·6	280	5·6	290	5·2	290	4·9	290	5·6	290	7·2	280	4·6	3·6	20
340	6·9	340	6·2	350	4·9	340	4·9	340	4·6	340	4·3	350	3·9	330	2·6	330	2·0	330	2·3	330	3·0	330	3·9	4·8	21
320	6·6	320	6·9	320	7·2	330	7·5	310	5·9	300	7·5	300	6·2	290	5·6	280	4·3	270	3·6	280	4·6	290	4·3	5·6	22
180	3·6	180	2·6	190	3·0	200	3·0	200	3·0	200	3·3	200	3·0	220	2·6	—	1·3	—	0·3	300	2·0	300	3·3	2·9	23
140	6·2	130	5·9	120	5·6	120	7·2	110	6·9	120	6·6	120	4·9	130	3·9	140	4·6	140	4·6	160	4·9	180	3·9	4·1	24
180	4·9	180	5·2	160	4·3	160	3·3	160	4·3	160	4·3	150	3·3	170	3·0	150	4·6	160	3·6	160	3·9	170	3·3	3·5	25
140	5·2	150	6·6	140	6·9	150	6·6	150	4·9	150	5·6	150	6·9	150	6·2	150	5·6	160	3·0	160	2·3	160	2·3	3·9	26
330	3·0	130	3·6	140	3·9	—	1·3	—	1·3	230	1·6	190	3·0	110	1·6	—	0·7	—	0·7	—	1·0	—	0·7	2·2	27
100	3·3	110	3·6	120	3·3	120	2·6	100	1·6	70	2·6	70	2·3	60	2·0	60	2·6	40	1·6	—	1·3	330	1·6	1·9	28
110	3·6	110	3·9	120	3·9	130	3·9	130	4·3	130	3·9	140	3·3	140	3·0	150	3·0	150	3·9	140	4·6	130	4·9	2·9	29
90	6·2	90	5·9	80	5·2	90	5·9	90	5·6	90	4·9	80	3·9	80	4·3	80	3·9	70	3·9	70	3·6	70	3·6	5·1	30
—	**4·9**	—	4·8	—	4·7	—	4·6	—	4·2	—	4·3	—	3·6	—	3·4	—	3·2	—	3·1	—	3·2	—	3·1	3·6	—

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$) : Speed in metres per second.

87. Aberdeen : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	60	3·0	60	2·0	50	2·0	—	1·3	—	0·7	—	1·0	—	1·0	—	1·0	70	2·0	110	1·6	120	2·3	120	2·6
2	—	1·3	200	1·6	190	1·6	210	1·6	—	0·3	—	1·0	—	1·0	150	2·0	120	1·6	120	3·0	120	3·0	110	3·0
3	60	2·3	—	1·3	330	3·0	320	3·3	310	3·6	310	3·0	330	3·0	320	2·6	320	3·0	360	2·3	40	3·6	20	4·9
4	310	3·6	310	3·3	310	2·3	300	2·6	290	2·3	300	3·0	310	3·9	320	3·6	340	2·3	50	2·0	120	2·6	140	3·3
5	180	4·6	170	3·6	150	5·6	130	6·6	130	6·9	120	6·9	120	7·2	120	7·9	110	7·9	110	6·9	110	7·2	110	8·2
6	—	1·3	—	1·0	—	1·3	—	1·3	—	0·7	—	0·7	140	2·3	130	3·3	130	4·9	130	4·6	130	4·6	130	4·9
7	100	7·5	100	8·5	90	10·5	80	10·8	80	10·8	80	10·2	80	11·5	70	11·5	70	13·1	60	11·5	60	11·5	80	10·5
8	50	6·6	40	6·9	40	9·5	30	9·8	20	9·8	10	9·5	10	9·2	360	9·5	360	7·9	360	9·5	360	7·9	350	8·9
9	320	6·2	320	6·2	320	4·9	320	5·2	320	4·9	320	4·9	330	5·9	320	4·9	330	3·9	10	3·3	50	2·3	90	3·3
10	150	3·6	150	5·6	150	5·6	150	4·9	150	5·6	160	4·3	160	6·2	170	5·9	170	5·2	190	5·2	190	5·6	200	4·6
11	—	1·3	210	1·6	—	1·0	180	2·0	—	1·0	—	0·3	—	1·0	150	2·0	140	1·6	130	1·6	140	2·0	120	2·3
12	—	1·0	—	0·7	—	1·3	—	0·7	—	0·3	—	0·3	—	0·0	—	1·3	180	1·6	—	1·3	140	2·3	210	2·6
13	160	2·0	170	1·6	—	1·0	160	1·6	140	1·6	150	2·0	130	3·0	130	3·6	150	3·0	140	3·6	150	3·9	170	3·3
14	220	1·6	—	1·0	—	0·3	—	0·7	—	1·3	190	1·6	200	2·6	190	3·0	190	4·6	180	4·3	170	4·6	160	4·3
15	220	3·0	220	3·0	210	2·3	230	2·3	230	2·0	—	1·3	—	1·3	220	2·3	250	2·0	260	2·6	270	2·3	220	3·6
16	190	2·0	180	2·3	200	2·3	190	2·3	200	3·0	210	2·3	210	2·3	210	3·6	220	2·0	160	3·6	160	3·9	180	3·0
17	250	2·6	—	1·3	250	4·3	250	3·6	230	2·3	200	1·6	220	1·6	210	1·6	160	1·6	160	3·9	170	3·6	170	3·9
18	—	0·3	—	0·7	—	1·0	280	2·0	—	0·3	—	0·7	—	0·0	—	0·7	130	2·3	120	3·3	120	3·6	120	3·9
19	—	0·7	20	2·3	30	2·0	—	1·3	—	0·3	—	0·7	—	1·0	50	3·0	60	3·3	70	3·9	60	3·9	60	3·6
20	80	3·9	120	3·9	100	3·9	110	3·6	100	3·6	100	3·9	110	3·9	110	3·9	120	3·9	120	4·6	130	4·6	120	3·9
21	120	3·0	120	4·9	120	4·9	140	3·9	130	3·3	130	3·3	130	3·0	130	3·9	140	3·3	150	3·3	150	2·3	150	3·9
22	170	2·3	170	1·6	140	1·6	—	1·3	—	1·3	130	1·6	—	1·3	100	1·6	—	0·7	—	0·0	—	0·7	210	2·0
23	170	2·3	160	3·3	180	3·0	190	3·0	220	2·3	210	2·6	210	3·3	210	3·9	190	4·3	180	3·9	210	4·9	200	5·9
24	230	2·0	—	1·0	—	0·7	210	2·0	200	1·6	180	1·6	160	2·0	160	2·6	170	3·6	190	3·6	170	4·9	170	4·9
25	—	0·7	—	0·3	—	1·3	300	2·0	—	1·0	—	1·0	—	0·7	—	1·0	—	1·0	80	1·6	—	1·3	60	1·6
26	350	2·0	320	1·6	310	1·6	—	1·0	—	1·3	290	1·6	—	1·3	330	1·6	330	2·3	—	1·0	—	1·0	120	2·0
27	200	2·6	200	4·6	210	4·6	210	3·3	200	3·9	200	4·3	200	4·3	190	4·6	180	2·0	180	3·6	240	3·3	260	5·2
28	—	0·7	—	0·3	330	1·6	330	2·3	320	3·0	320	2·6	320	2·0	340	2·0	340	1·6	350	1·6	50	2·6	70	3·6
29	—	0·7	—	0·7	—	0·3	—	0·3	320	1·6	300	2·0	—	0·7	—	0·7	—	1·0	80	1·6	80	2·0	110	2·0
30	300	2·0	300	1·6	—	1·3	—	1·3	300	2·0	300	2·6	310	3·3	320	3·9	320	4·9	340	3·6	350	3·3	350	3·6
31	30	2·0	20	2·0	50	2·6	50	2·6	60	2·3	70	2·3	80	2·3	110	2·3	90	2·0	—	1·3	—	1·3	90	1·6
Mean ...	—	**2·5**	—	2·6	—	2·9	—	2·9	—	2·7	—	2·7	—	3·0	—	3·4	—	3·4	—	3·5	—	3·6	—	4·0

88. Aberdeen : $H_a = 14$ metres + 23 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	40	4·3	40	5·6	40	5·2	40	5·9	30	5·6	30	6·6	30	8·5	30	7·5	30	8·5	20	7·9	20	8·5	20	8·9
2	320	5·9	310	5·6	310	5·2	310	6·6	310	7·2	310	7·2	320	7·2	330	5·6	320	5·6	340	6·2	350	6·9	340	6·9
3	270	3·9	310	3·3	280	2·0	290	3·3	290	3·0	280	3·3	290	3·6	320	4·6	310	5·2	320	4·3	310	4·3	310	3·9
4	290	1·6	300	2·0	—	1·3	—	1·3	—	0·7	—	1·0	—	0·7	90	1·6	110	3·0	140	2·6	150	3·3	160	3·0
5	290	2·3	300	2·3	290	2·3	280	2·0	290	1·6	290	2·0	—	1·0	80	2·3	100	3·0	100	2·3	100	3·9	100	3·9
6	150	3·0	150	3·3	150	3·6	150	3·9	140	5·6	140	5·2	130	4·9	130	4·3	120	3·6	150	3·3	170	3·0	170	3·0
7	200	2·0	210	2·3	220	2·0	230	2·6	—	0·3	—	0·7	290	2·0	310	2·3	340	1·6	130	2·3	140	3·6	150	4·6
8	60	2·0	130	2·3	100	1·6	80	2·3	60	1·6	—	1·3	100	1·6	100	1·6	130	1·6	—	1·3	—	1·3	—	1·0
9	320	2·6	330	2·6	310	3·0	320	3·3	320	3·6	320	3·6	310	4·3	310	4·6	310	4·6	310	5·9	320	5·6	320	4·6
10	—	1·3	130	1·6	100	1·6	90	1·6	—	1·0	—	0·3	—	0·3	—	0·3	—	1·0	190	1·6	180	2·6	180	3·6
11	—	1·3	—	1·0	190	1·6	190	2·0	160	1·6	160	1·6	—	1·0	—	1·3	170	2·3	140	3·9	160	3·6	150	4·3
12	30	4·3	20	3·6	10	3·9	10	3·6	20	5·2	20	6·6	20	6·9	20	7·5	20	7·2	30	8·2	30	8·2	30	8·5
13	350	4·3	350	3·9	350	4·3	350	3·3	350	3·3	350	4·3	340	4·3	350	3·9	350	4·6	350	4·6	360	5·2	360	4·3
14	290	1·6	290	2·0	—	1·0	—	0·7	—	0·7	200	1·6	190	2·6	180	3·6	180	3·3	170	4·9	170	5·2	180	5·9
15	—	0·7	—	0·7	—	0·3	—	1·0	—	1·0	—	0·0	—	0·3	—	1·3	320	2·0	40	2·0	130	2·3	130	2·6
16	—	0·3	—	0·7	—	0·7	—	0·3	—	1·0	—	1·3	280	1·6	—	1·0	—	1·3	160	3·6	160	3·6	140	3·0
17	300	2·0	320	1·6	—	0·7	320	1·6	—	1·3	—	1·3	10	1·6	20	2·3	30	2·0	40	3·3	30	2·0	30	2·0
18	20	3·3	20	3·6	20	2·6	30	2·3	40	2·6	—	1·3	140	2·3	130	2·6	120	2·3	130	3·6	140	4·3	140	4·9
19	—	0·7	—	1·0	—	0·3	—	1·3	—	1·3	—	0·3	—	0·3	—	1·0	—	1·0	120	2·3	190	3·0	—	1·0
20	—	0·0	—	0·3	—	0·0	—	0·3	—	0·3	200	1·6	220	2·3	210	3·0	180	2·0	160	3·9	170	3·3	180	3·9
21	—	1·3	300	1·6	—	1·3	290	2·0	290	1·6	—	0·0	—	0·7	130	1·6	130	2·6	140	3·3	150	3·6	160	4·9
22	—	0·7	290	2·3	300	2·3	300	3·6	300	2·6	310	3·0	310	4·6	320	3·9	300	3·3	330	3·3	350	3·3	350	3·6
23	—	1·0	—	0·3	—	0·7	—	1·0	—	1·3	180	1·6	190	2·0	200	3·0	170	3·0	190	2·6	180	4·9	180	4·3
24	240	2·6	—	1·3	—	1·0	—	1·0	—	1·3	—	0·7	320	3·6	320	3·6	320	3·6	310	2·3	310	3·0	310	4·6
25	290	1·6	290	1·6	290	2·6	290	2·6	270	1·6	240	2·0	240	2·6	250	3·3	270	2·6	260	2·0	200	2·0	150	4·6
26	220	2·6	190	2·0	210	3·3	200	2·0	210	3·3	210	2·3	210	5·2	200	3·3	170	2·3	190	3·6	210	2·6	220	5·6
27	200	2·0	220	3·9	210	3·9	260	3·9	310	9·2	310	7·9	300	8·5	310	7·5	310	7·2	310	7·5	300	7·2	310	8·2
28	—	1·3	—	1·0	—	1·0	260	2·6	250	3·0	250	2·6	250	2·3	260	2·6	230	3·0	220	4·6	210	3·9	190	3·6
29	190	4·9	190	4·6	190	5·2	170	4·9	130	2·3	190	3·6	190	3·6	210	4·3	230	5·9	230	6·2	230	6·2	230	6·6
30	300	5·2	300	4·6	310	4·3	300	5·9	300	4·6	300	5·6	300	5·6	300	6·2	300	5·9	310	5·9	300	5·2	300	3·6
Mean ...	—	2·4	—	2·4	—	2·3	—	2·6	—	2·6	—	2·7	—	3·2	—	3·4	—	3·5	—	4·0	—	4·2	—	**4·4**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L.+ h_a (height of anemograph above ground) = 14 metres + 23 metres.

May, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
130	3·6	140	3·3	160	2·6	170	3·0	180	2·6	190	3·0	190	2·6	190	1·6	190	2·0	190	2·0	200	1·6	—	1·0	2·1	1
100	3·6	90	4·9	80	5·2	70	4·9	70	4·3	60	5·6	60	6·9	70	5·9	90	6·6	90	5·9	90	5·6	70	2·6	3·4	2
10	6·2	360	8·9	360	7·9	360	6·6	10	7·2	360	6·2	360	4·9	350	3·3	340	2·6	310	2·3	320	3·3	310	3·0	4·1	3
140	3·9	170	3·9	170	4·3	170	3·9	180	3·9	190	3·3	190	3·3	190	3·0	190	2·6	180	2·6	170	3·0	190	2·6	3·1	4
110	7·5	110	7·5	110	6·6	120	5·6	110	6·2	120	4·3	110	3·9	90	4·6	90	3·9	100	3·6	110	3·0	140	2·0	5·8	5
120	4·6	130	5·9	120	5·6	130	5·2	130	5·2	120	5·6	110	4·6	120	5·9	120	6·2	110	5·6	110	5·6	100	6·2	4·0	6
100	7·5	140	3·6	140	3·0	140	4·6	130	3·0	110	2·6	110	3·9	100	4·9	80	4·6	50	4·3	30	3·3	50	6·6	7·5	7
350	8·9	350	8·2	350	8·9	350	7·5	350	7·5	340	7·5	340	6·6	340	6·2	330	6·6	320	7·5	330	6·9	330	6·6	**8·1**	8
90	3·3	110	3·6	130	4·9	140	3·9	140	4·6	140	4·9	150	4·9	160	4·6	150	4·3	150	4·6	160	4·3	160	4·9	4·6	9
190	4·6	190	2·3	190	2·0	180	2·6	190	2·6	210	3·0	200	2·0	230	2·0	230	1·6	220	2·0	240	1·6	—	1·0	3·8	10
10	2·3	—	0·7	230	2·0	220	1·6	220	2·3	250	2·3	290	1·6	—	1·0	—	0·7	—	1·3	—	0·7	—	0·7	**1·5**	11
170	3·0	170	3·9	170	4·3	170	4·3	180	4·3	190	4·3	200	3·3	200	3·6	210	2·0	—	1·3	180	1·6	—	1·3	2·1	12
240	2·0	280	3·9	300	4·9	290	6·2	280	5·9	270	3·9	—	1·3	—	1·3	—	1·3	280	2·0	—	1·0	—	0·7	2·7	13
170	3·9	170	3·3	160	3·9	150	3·9	170	3·3	200	3·3	210	1·6	190	1·6	200	2·3	—	0·7	220	1·6	230	**3·9**	2·6	14
220	3·6	180	4·3	180	4·6	200	4·3	190	4·6	190	4·6	190	4·9	210	3·0	200	3·6	210	3·0	230	2·6	190	1·6	3·1	15
270	1·6	10	2·0	160	1·6	20	2·3	290	3·9	310	5·2	300	4·3	—	0·7	—	0·7	280	3·3	270	2·6	250	4·3	2·7	16
180	3·9	170	3·9	180	4·3	180	3·3	190	4·3	190	3·6	200	3·0	210	3·3	230	2·6	—	1·0	—	1·0	—	0·7	2·9	17
120	3·3	120	3·9	120	3·3	130	3·6	140	3·6	140	3·0	140	3·3	—	1·3	—	1·0	—	1·0	20	1·6	20	2·3	2·1	18
70	3·6	80	3·3	90	3·3	90	2·0	80	2·6	80	3·0	70	3·6	70	3·9	90	3·6	100	4·6	110	3·6	100	4·3	2·8	19
120	3·9	120	4·9	120	3·6	120	2·6	130	3·9	130	3·6	130	4·3	130	3·9	140	3·9	130	3·9	140	4·3	120	3·0	3·9	20
150	3·6	150	2·6	150	3·0	160	3·3	160	3·0	160	4·6	160	3·0	—	1·3	150	1·6	160	2·3	—	1·3	160	3·0	3·1	21
210	3·0	200	3·9	200	4·3	190	3·0	190	4·6	200	3·3	180	3·9	180	3·3	190	2·6	200	3·3	180	2·6	180	2·6	2·4	22
210	5·6	190	5·6	180	3·9	190	4·3	190	3·3	180	4·6	180	2·6	190	3·3	200	1·6	210	3·0	220	2·6	220	3·3	3·6	23
170	4·6	170	5·2	170	5·9	170	4·6	170	3·3	180	3·3	140	2·3	150	3·3	150	2·0	140	2·3	—	1·0	—	0·7	2·9	24
60	2·0	70	3·3	40	3·3	30	3·0	10	3·6	360	3·3	20	3·9	360	3·0	360	3·0	360	2·6	360	2·3	360	2·0	2·0	25
130	3·0	160	3·3	140	3·3	160	3·6	150	3·3	140	2·6	—	0·7	—	1·3	180	2·0	200	2·0	190	3·3	200	3·0	2·1	26
270	4·9	260	5·6	260	4·9	260	3·9	260	3·3	320	2·6	—	1·3	—	1·0	—	1·3	—	0·7	—	0·3	—	0·7	3·3	27
60	3·0	60	2·6	50	2·6	50	2·6	40	3·3	40	3·6	30	2·6	30	3·0	20	2·0	30	2·3	—	1·0	—	1·0	2·2	28
120	2·6	120	2·6	110	3·0	120	3·0	130	3·3	130	2·6	—	1·3	—	1·0	—	1·0	—	0·3	—	0·0	—	1·3	1·5	29
350	3·3	10	3·9	10	4·6	10	4·6	10	4·9	10	3·6	360	3·0	360	2·3	360	2·6	10	3·3	10	2·0	20	2·3	3·1	30
100	2·3	100	2·3	90	3·3	90	3·0	90	3·0	80	3·3	50	3·3	60	4·3	50	4·3	50	4·3	40	4·3	40	4·6	2·7	31
—	4·0	—	4·1	—	**4·2**	—	3·9	—	4·0	—	3·9	—	3·3	—	3·0	—	2·8	—	2·9	—	2·6	—	2·7	3·3	—

June, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
10	8·9	10	8·5	360	8·2	360	7·2	350	7·2	350	7·2	350	6·2	340	5·9	340	5·9	320	5·2	330	5·9	320	4·3	**6·8**	1
330	6·6	340	6·2	330	6·2	330	6·6	340	4·9	330	6·6	330	5·6	330	4·6	320	3·6	300	3·3	310	4·3	280	2·6	5·8	2
310	3·9	—	1·3	160	1·6	140	2·6	140	3·3	140	3·0	120	2·0	110	1·6	—	1·3	—	1·0	—	0·3	—	0·7	2·8	3
150	3·9	130	3·9	140	3·9	140	3·3	140	2·3	150	2·0	190	2·0	210	1·6	—	1·3	—	1·0	330	1·6	300	2·0	2·1	4
100	3·6	110	3·6	120	3·3	130	3·0	130	3·3	130	3·0	140	3·3	140	3·0	140	2·6	140	2·3	150	2·6	150	2·6	2·7	5
170	2·3	150	1·6	180	1·6	—	1·3	—	1·3	200	2·0	210	3·0	210	2·6	210	1·6	210	2·0	200	1·6	210	1·6	2·9	6
140	4·6	120	3·3	100	3·0	130	3·9	120	2·6	130	2·6	120	2·0	140	2·0	—	1·3	—	1·3	—	1·0	50	2·0	2·3	7
—	1·0	—	1·0	—	1·3	40	2·0	30	2·0	30	2·0	—	1·3	—	1·3	—	1·3	—	1·3	340	1·6	330	1·6	1·6	8
340	4·3	350	2·6	350	2·6	350	2·6	10	2·6	360	1·6	—	0·7	—	1·0	—	1·3	—	1·3	—	1·3	—	1·0	3·0	9
180	3·3	170	3·0	180	2·6	190	3·6	170	2·6	180	2·6	200	3·0	200	2·0	190	1·6	180	1·6	200	3·3	200	2·3	2·0	10
140	3·9	150	4·6	130	3·6	110	3·0	110	2·3	100	2·6	60	2·6	50	2·0	50	2·3	50	3·0	50	3·3	50	3·3	2·6	11
30	8·2	20	8·2	10	6·9	10	7·2	360	6·6	360	5·2	360	5·9	360	5·9	360	5·9	360	4·6	360	4·9	360	3·6	6·1	12
360	4·6	350	4·3	350	4·6	340	4·6	360	3·6	360	3·6	10	3·6	20	2·0	350	1·6	320	1·6	290	1·6	290	2·0	3·7	13
190	5·2	180	5·2	180	5·2	190	5·9	190	5·2	190	4·3	190	3·6	200	2·6	—	0·7	—	0·7	—	0·3	—	1·0	3·1	14
80	3·0	70	3·3	50	2·0	60	2·0	70	1·6	—	1·3	—	0·7	—	0·3	—	0·3	—	0·0	—	0·3	—	0·7	**1·2**	15
130	1·6	150	3·3	150	2·6	80	1·6	—	1·3	330	3·9	330	3·3	320	2·0	—	0·3	—	0·0	—	0·7	300	1·6	1·7	16
30	4·6	40	4·3	40	5·2	40	4·3	40	3·9	40	3·3	30	3·0	20	2·0	30	2·6	40	3·3	30	3·3	20	3·0	2·7	17
150	5·2	120	3·3	130	2·6	—	1·3	160	2·3	170	3·0	160	3·3	190	2·6	170	2·0	190	3·0	180	3·0	—	1·3	2·9	18
—	1·0	90	1·6	130	2·6	100	3·0	140	3·6	140	3·6	130	2·3	110	2·6	150	1·6	—	0·3	—	0·3	—	0·3	1·5	19
170	3·9	170	4·3	180	3·6	190	4·3	180	3·9	180	3·9	190	4·3	190	3·6	220	3·0	—	0·3	—	0·3	—	0·7	2·4	20
160	3·9	160	4·6	160	3·9	180	3·6	170	3·6	180	3·0	190	2·0	—	1·3	—	0·7	—	0·3	—	0·3	—	0·7	2·2	21
20	2·6	160	2·6	170	1·6	130	2·0	—	1·0	120	2·3	70	3·0	—	1·3	—	0·7	—	1·3	—	1·0	—	0·7	2·4	22
180	4·6	190	3·9	200	3·9	190	3·6	210	3·0	210	3·0	210	3·3	190	3·3	170	1·6	210	2·6	230	3·6	240	3·0	2·7	23
270	3·6	170	3·3	210	2·3	200	1·6	200	2·0	190	1·6	180	1·6	—	0·7	—	0·3	—	0·7	260	1·6	—	0·7	2·1	24
160	4·9	170	4·9	180	4·6	180	4·3	190	4·9	180	4·3	190	3·6	210	3·0	150	2·3	220	3·3	210	3·3	180	2·3	3·1	25
230	4·3	220	5·9	220	4·9	210	4·3	210	4·3	210	4·3	210	3·6	210	3·6	210	4·9	190	3·0	210	5·2	190	3·3	3·7	26
310	6·6	300	5·2	320	6·2	310	6·6	320	4·3	320	2·6	270	2·6	—	1·0	—	0·7	—	1·0	290	2·3	280	1·6	4·9	27
190	3·6	190	3·6	190	4·3	180	3·9	210	5·9	200	5·2	200	5·6	210	5·6	210	6·2	200	4·6	210	5·6	210	6·9	3·7	28
230	5·6	220	5·9	240	5·9	240	4·9	230	5·9	230	5·2	230	5·2	210	4·6	210	4·3	270	4·3	320	3·9	290	2·6	4·9	29
250	3·0	180	4·3	210	3·0	230	2·6	290	5·9	280	5·9	280	4·3	270	3·3	270	3·0	250	4·6	210	2·0	230	2·3	4·5	30
—	4·2	—	4·1	—	3·8	—	3·7	—	3·6	—	3·5	—	3·2	—	2·6	—	2·2	—	2·1	—	2·3	—	**2·1**	3·1	—

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day

Direction expressed in degrees from North (E=90°, S=180°, W=270°, N=360°): Speed in metres per second.

89. Aberdeen : H_a (Height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m s.	°	m s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	220	2·6	230	2·6	240	3·0	250	4·3	260	3·0	260	3·0	240	3·9	240	3·0	260	3·0	260	3·0	280	2·3	280	2·0
2	150	3·6	170	4·3	170	3·6	140	3·6	140	5·9	140	7·2	150	5·9	160	5·9	170	5·9	180	5·6	170	6·2	170	5·2
3	190	3·9	190	5·2	200	5·9	190	4·9	180	3·9	180	3·9	190	4·3	210	7·9	210	7·9	230	6·6	220	5·6	220	6·2
4	330	3·0	320	4·6	310	5·6	300	5·6	290	6·6	290	5·9	290	4·6	280	2·6	280	2·0	250	1·6	260	1·6	260	2·0
5	—	1·3	—	1·0	220	2·0	210	2·0	210	2·0	230	2·3	260	2·0	280	2·6	270	3·0	270	2·6	250	3·0	240	4·3
6	60	2·0	—	0·7	—	1·0	60	2·0	40	2·3	30	2·3	30	3·0	20	3·3	10	3·0	360	3·3	350	3·9	350	4·9
7	190	2·6	190	3·3	200	3·3	200	3·0	200	3·9	200	2·3	200	2·6	200	3·6	190	2·3	190	3·0	190	3·0	180	2·6
8	260	3·6	290	3·0	360	2·3	—	0·3	—	0·7	—	1·3	250	2·0	240	1·6	200	2·0	180	2·0	180	2·6	180	3·3
9	—	1·0	300	2·0	290	2·0	—	1·3	290	2·0	290	1·6	300	2·0	310	3·6	320	2·6	—	1·3	100	3·0	110	3·0
10	—	1·0	-	0·3	—	0·7	—	1·3	—	0·3	—	0·3	—	0·7	—	0·7	—	1·0	210	2·3	220	4·3	210	3·3
11	—	0·7	—	0·7	—	0·7	—	0·3	—	0·7	230	3·3	220	3·9	230	3·9	230	4·3	200	3·3	170	3·0	190	3·9
12	—	0·3	—	1·0	—	0·7	—	0·7	—	0·3	—	0·7	150	3·0	150	4·9	140	3·6	140	3·9	140	4·9	150	4·3
13	220	2·3	220	2·6	210	2·6	230	3·6	220	3·3	200	2·3	180	2·6	230	3·0	220	3·3	230	3·6	250	3·3	230	1·6
14	—	0·7	—	1·0	230	1·6	240	2·6	240	2·0	240	3·6	240	3·3	220	3·0	220	2·6	210	3·3	200	3·0	200	3·6
15	160	2·0	190	3·0	180	3·9	190	3·3	200	4·9	190	3·6	170	3·0	170	3·0	180	2·0	190	3·0	200	3·0	160	2·0
16	180	2·3	200	2·0	200	2·6	180	2·3	190	3·6	190	3·6	200	2·6	190	2·6	190	3·9	190	3·9	180	3·3	180	4·3
17	230	2·3	210	2·0	220	2·3	230	2·0	230	3·0	220	2·3	240	2·6	240	3·3	230	1·6	160	2·6	170	2·6	180	3·3
18	310	2·0	310	2·3	310	1·6	—	1·0	280	1·6	300	2·0	310	4·3	310	4·6	310	4·6	310	4·6	350	3·0	60	3·0
19	290	1·6	290	1·6	290	2·3	290	2·3	290	2·3	290	2·6	300	2·6	310	3·6	330	3·6	320	2·6	40	2·3	140	2·6
20	—	1·3	290	1·6	300	2·0	300	2·3	300	2·0	290	1·6	—	1·3	360	1·6	340	1·6	150	2·0	140	2·6	150	3·0
21	—	1·3	—	0·7	—	0·3	—	1·0	—	1·0	—	1·0	—	0·7	—	1·3	130	2·0	130	1·6	140	2·0	170	2·6
22	—	0·7	—	0·3	—	1·3	—	0·3	—	0·0	—	0·3	—	1·0	—	1·3	120	1·6	120	2·3	120	2·0	120	3·6
23	- -	1·3	—	1·0	—	0·7	—	0·7	—	0·7	—	0·7	—	1·3	—	1·0	—	1·3	—	1·3	160	3·0	160	3·0
24	260	2·0	250	1·6	260	2·3	280	2·6	300	1·6	—	1·3	300	3·6	300	5·9	310	4·6	300	5·6	300	5·9	300	4·9
25	320	4·9	310	4·6	310	4·9	310	5·2	300	3·0	310	3·9	310	4·6	320	5·2	330	4·6	310	4·6	290	3·3	320	2·6
26	300	2·3	310	2·3	310	2·6	310	3·0	310	3·3	310	3·6	310	3·9	310	4·3	310	4·3	300	4·3	310	3·0	320	3·0
27	—	1·3	—	1·3	—	1·0	—	1·0	—	0·7	—	1·0	320	1·6	—	1·3	—	1·0	90	2·0	130	2·3	150	2·3
28	130	3·3	130	3·6	120	3·9	120	3·3	120	3·9	120	3·9	120	4·3	120	3·6	110	3·9	110	3·6	110	4·3	100	4·3
29	60	6·6	70	6·9	70	6·6	60	6·6	70	6·6	70	5·6	60	6·2	60	6·2	70	4·6	70	5·2	70	5·2	70	3·3
30	70	2·3	90	2·6	100	3·0	90	2·0	110	2·3	130	1·6	140	1·6	130	2·0	130	1·6	130	2·0	140	2·6	130	3·3
31	—	1·0	—	1·0	—	0·7	—	1·0	—	1·0	—	0·3	—	0·7	—	1·3	230	2·0	230	2·0	220	2·6	250	3·0
Mean ...	—	2·2	—	2·3	—	2·5	—	2·4	—	2·5	—	2·5	—	2·9	—	3·3	—	3·1	—	3·2	—	3·3	—	3·4

90. Aberdeen : H_a = 14 metres + 23 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	200	1·6	190	1·6	180	2·3	180	3·0	190	4·3	200	2·6	210	3·9	200	3·3	190	3·6	190	3·6	190	3·6	190	4·3
2	200	2·3	—	1·3	—	1·0	—	0·7	—	1·0	—	1·0	300	1·6	300	3·9	310	3·9	310	4·9	330	4·3	310	6·6
3	280	3·0	300	4·3	300	3·3	290	3·0	290	1·6	—	1·3	—	1·0	130	1·6	140	2·0	160	3·9	170	3·6	170	4·3
4	—	1·3	—	1·0	—	0·7	—	0·3	—	1·0	—	1·0	270	1·6	280	2·0	220	1·6	180	2·6	150	2·0	220	2·3
5	220	1·6	220	1·6	—	1·0	170	2·3	—	1·3	—	1·3	—	1·3	220	1·6	40	2·0	—	1·3	220	4·6	320	2·0
6	230	3·3	230	3·3	230	3·3	240	4·3	220	3·9	230	3·3	230	3·6	240	4·9	240	4·3	240	4·3	250	5·2	250	4·3
7	230	1·6	220	2·0	240	3·3	240	3·0	240	3·3	230	2·3	270	3·0	280	3·9	300	4·3	300	5·2	320	5·2	320	4·6
8	250	3·0	250	2·6	280	2·0	290	3·6	280	2·0	250	2·0	270	2·3	270	3·3	290	2·3	300	2·0	180	1·6	170	3·3
9	240	1·6	220	2·0	220	2·3	220	2·0	—	0·7	—	0·7	—	1·3	—	1·0	—	1·0	200	2·0	210	2·3	210	2·3
10	—	1·3	240	1·6	—	1·0	—	0·7	—	1·3	—	1·0	230	2·0	220	2·0	200	1·6	190	2·6	180	3·0	180	3·3
11	190	2·3	190	2·3	170	2·3	190	2·6	190	2·6	190	2·6	180	3·6	170	3·3	180	3·9	170	4·9	180	3·9	200	4·6
12	—	1·3	—	1·3	170	1·6	—	1·0	190	1·6	—	1·3	210	2·3	200	3·0	200	3·0	170	3·3	160	3·6	150	4·3
13	300	4·3	300	3·6	300	3·9	300	4·3	310	3·9	330	4·3	330	4·3	340	3·3	340	3·0	360	3·3	360	3·3	360	2·6
14	—	1·3	—	1·3	—	1·3	—	1·3	200	1·6	190	2·0	180	2·6	160	2·6	180	3·3	180	3·9	190	4·3	180	4·9
15	310	3·9	310	5·2	290	4·3	300	3·9	270	1·6	—	1·3	230	1·6	—	1·3	290	3·3	290	3·3	230	2·0	200	2·0
16	180	1·6	200	2·3	200	2·0	200	2·0	—	1·3	—	1·3	200	2·3	180	3·6	180	3·6	170	3·6	160	4·6	160	4·6
17	—	1·0	—	1·0	—	1·3	—	1·3	—	0·7	—	0·7	150	2·0	170	2·6	160	3·0	160	3·9	140	4·3	140	4·3
18	300	3·3	310	5·2	310	5·6	310	4·3	310	5·2	300	5·9	300	7·5	300	7·9	310	8·9	310	7·9	310	7·2	310	8·5
19	300	4·9	280	3·6	290	5·2	280	4·9	290	5·9	290	5·6	290	5·9	290	4·9	280	5·2	280	6·2	290	6·2	290	5·6
20	270	1·6	—	1·3	—	1·3	280	2·0	290	2·3	—	1·3	—	1·0	—	1·0	150	2·6	150	3·0	160	3·6	150	3·9
21	150	4·9	130	3·9	120	5·2	130	4·6	130	3·6	130	3·0	120	3·3	110	2·6	100	3·3	100	3·0	90	3·0	90	3·3
22	340	1·6	360	1·6	30	2·6	40	2·3	40	2·6	20	2·3	10	2·3	40	3·3	40	3·0	60	3·0	80	3·9	60	3·3
23	350	3·0	360	2·6	350	4·9	340	3·9	330	2·6	320	3·3	330	4·3	330	4·9	320	4·9	310	4·9	310	4·6	310	4·9
24	290	5·2	290	4·6	290	4·3	300	4·9	300	6·2	300	5·6	310	6·2	310	5·6	310	5·6	310	6·2	310	5·2	330	4·6
25	300	2·6	300	3·3	300	2·6	300	3·3	290	1·6	—	1·0	—	1·3	—	0·7	—	0·7	—	1·3	170	3·0	170	3·3
26	240	3·3	230	2·0	230	3·0	230	3·0	230	2·6	230	2·6	220	3·9	220	2·6	220	3·3	230	3·0	240	2·3	200	3·0
27	290	1·6	280	2·3	300	1·6	—	1·3	290	2·3	290	1·6	—	1·3	—	1·0	—	1·0	30	2·0	130	1·6	150	1·6
28	230	1·6	210	1·6	200	1·6	200	2·0	200	1·6	190	2·6	190	3·3	190	3·3	180	3·6	190	4·6	190	4·9	180	5·6
29	180	4·3	180	4·9	180	3·9	180	3·3	180	3·3	180	3·0	190	2·6	190	2·0	160	1·6	180	1·6	170	2·3	180	3·0
30	—	0·7	—	0·3	—	0·7	—	1·0	170	1·6	—	1·3	200	1·6	190	1·6	140	2·0	180	2·3	190	2·6	150	3·6
31	170	2·0	160	2·6	160	3·0	170	3·3	170	2·0	200	1·6	180	2·0	170	2·0	170	2·0	170	3·3	170	3·0	170	3·6
Mean ...	—	2·5	—	2·5	—	2·7	—	2·7	—	2·5	—	2·3	—	2·8	—	2·9	—	3·1	—	3·5	—	3·7	—	3·9
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L.+h_a (Height of anemograph above ground) = 14 metres + 23 metres.

July, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
280	3·0	50	2·3	100	3·0	170	2·0	140	1·6	—	1·3	180	2·6	200	2·3	190	2·3	180	2·6	190	2·6	170	2·6	2·7	1
170	6·2	170	6·2	170	5·9	170	4·6	170	5·6	180	5·2	170	4·9	180	4·6	180	3·6	190	3·0	180	3·6	180	3·9	5·0	2
190	5·9	170	5·2	180	5·9	180	5·9	170	4·9	170	3·6	170	2·6	130	2·3	—	1·3	—	1·3	—	1·3	360	2·0	4·6	3
—	1·0	280	2·6	250	4·6	240	5·2	230	6·9	230	4·6	230	4·9	220	2·6	220	3·0	220	2·6	200	2·3	220	2·0	3·7	4
230	3·6	230	3·9	230	3·9	270	3·9	290	2·0	—	1·0	—	1·0	—	1·0	—	0·7	—	0·3	—	0·3	20	1·6	2·1	5
340	3·9	330	3·9	10	3·3	80	4·3	170	2·6	170	2·3	150	2·3	150	2·6	170	3·3	170	2·3	—	1·3	—	1·3	2·7	6
210	3·3	280	3·3	280	2·6	260	4·3	270	3·6	270	3·9	280	4·6	290	7·2	280	3·6	280	3·3	270	3·0	270	3·9	3·4	7
200	2·6	—	1·3	170	2·0	130	2·3	—	1·3	—	1·3	—	1·0	280	1·6	—	1·0	—	0·7	280	1·6	290	2·3	1·9	8
110	3·3	130	2·6	140	2·3	120	2·3	120	3·0	130	2·3	150	2·6	160	2·3	180	2·0	—	1·0	—	1·0	—	1·3	2·2	9
210	4·3	210	3·0	180	2·6	190	3·6	200	3·3	190	3·6	200	3·0	200	3·3	200	2·6	210	3·0	200	1·6	200	1·6	2·1	10
180	4·3	170	3·6	170	3·6	170	3·6	210	3·3	200	3·9	210	3·3	220	2·6	220	3·3	190	2·0	—	1·3	—	0·7	2·7	11
160	4·9	130	4·6	130	5·6	140	6·2	150	6·9	150	3·9	160	2·6	180	5·9	150	1·6	140	2·3	180	3·0	190	3·3	3·2	12
200	2·6	220	2·6	300	3·0	350	2·3	340	2·3	330	2·6	310	1·6	—	1·0	—	1·0	270	2·6	270	2·0	—	1·0	2·5	13
200	3·9	220	4·9	220	4·3	230	4·3	210	3·0	210	3·0	230	2·6	210	3·3	220	3·6	210	3·0	200	2·3	200	3·6	2·9	14
190	3·6	210	4·3	200	3·3	150	3·0	190	1·6	160	1·6	190	3·3	200	3·3	180	1·6	180	2·0	180	3·0	190	2·0	2·9	15
180	4·3	200	4·9	230	6·6	230	4·9	240	5·2	240	3·9	250	3·9	270	2·0	260	2·0	250	2·3	240	2·6	220	2·6	3·4	16
170	2·3	100	2·3	280	2·6	70	1·6	140	1·6	200	1·6	—	1·3	—	1·0	290	1·6	—	0·3	—	1·0	—	0·7	2·0	17
130	3·0	150	2·0	—	1·3	—	1·0	180	1·6	—	1·3	—	1·3	—	0·7	—	0·7	300	1·6	—	0·3	—	1·3	2·1	18
160	2·0	—	1·3	140	2·0	160	1·6	—	1·0	—	0·3	—	0·7	—	0·7	310	1·6	290	1·6	290	2·0	—	1·3	1·9	19
150	2·3	150	1·6	180	1·6	150	2·0	130	2·3	140	1·6	—	0·7	—	1·3	—	1·3	—	1·0	—	0·7	—	0·7	1·7	20
170	2·0	140	1·6	150	2·3	140	2·3	130	1·6	—	0·7	—	1·0	—	1·0	—	1·0	—	1·3	—	1·0	—	0·7	**1·3**	21
130	3·9	130	2·6	130	3·3	130	3·0	150	3·9	160	2·6	160	3·0	170	2·6	170	3·3	200	2·3	220	3·9	220	1·6	2·1	22
190	4·9	230	4·6	260	3·6	230	3·6	280	3·3	20	3·6	—	1·3	—	0·7	300	1·6	250	1·6	270	3·0	270	2·0	2·1	23
300	6·9	290	8·2	300	7·2	300	7·5	300	6·9	310	7·9	310	7·9	310	6·6	310	4·9	320	4·6	320	6·2	330	6·2	**5·0**	24
320	2·6	340	3·9	340	4·3	350	3·3	330	2·6	340	3·6	330	2·3	330	2·0	310	2·0	300	1·6	310	2·3	290	2·6	3·6	25
350	3·3	350	3·9	10	3·3	360	3·0	360	3·0	360	2·0	330	2·3	320	2·0	330	1·6	—	0·7	—	1·3	—	1·0	2·8	26
190	2·6	140	3·0	140	3·3	140	3·9	150	3·6	160	3·3	170	3·6	160	1·6	160	1·6	150	2·0	140	3·0	140	2·6	2·1	27
90	5·9	90	6·6	100	7·9	90	6·9	80	5·2	80	5·6	80	5·2	80	5·2	80	6·2	90	5·6	70	4·6	70	5·9	4·8	28
60	3·6	70	3·3	70	3·9	60	2·6	60	2·6	50	2·3	50	2·0	40	2·3	50	2·0	50	2·0	60	2·3	70	2·0	4·3	29
140	3·9	150	3·9	140	2·6	140	3·0	150	2·6	150	3·6	150	3·0	150	2·6	170	2·6	180	1·6	160	2·0	180	1·6	2·5	30
240	4·3	220	4·6	210	4·6	220	5·2	200	4·6	180	3·0	190	3·0	210	2·3	210	3·6	210	2·6	210	1·6	—	1·0	2·4	31
—	3·7	—	3·6	—	**3·8**	—	3·7	—	3·3	—	2·9	—	2·8	—	2·6	—	2·3	—	**2·1**	—	2·2	—	2·2	2·9	—

August, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
190	4·6	200	4·3	180	4·3	180	3·9	190	3·6	190	3·9	190	2·6	190	3·3	190	3·3	190	2·3	200	3·3	200	2·0	3·3	1
320	5·6	320	5·9	330	6·2	320	6·9	330	6·9	320	6·9	320	6·2	320	7·2	320	3·9	310	3·3	300	3·6	290	3·9	4·1	2
170	4·3	180	3·3	200	3·0	220	3·9	210	3·6	200	3·3	190	3·6	200	3·0	200	2·6	210	3·3	210	2·6	230	1·6	3·0	3
210	2·3	180	3·9	210	3·9	220	4·3	270	3·9	280	2·6	250	3·3	260	3·0	240	2·3	230	2·0	230	2·6	220	2·3	2·2	4
320	4·6	300	3·9	310	6·2	310	6·9	300	5·2	290	4·6	290	3·0	270	2·3	270	2·3	270	3·3	250	4·9	220	2·6	3·0	5
290	4·6	290	4·3	290	3·6	290	4·6	290	3·9	310	3·0	300	1·6	260	1·6	220	1·6	210	2·3	240	2·6	200	2·3	3·5	6
300	5·6	320	5·6	330	4·9	310	5·2	320	4·9	320	3·6	310	1·6	—	1·0	—	1·3	240	2·0	—	1·3	240	2·6	3·4	7
160	3·3	170	3·0	180	3·3	190	2·6	190	3·3	190	2·6	200	2·6	210	2·6	230	2·6	240	2·3	230	2·3	—	1·3	2·6	8
170	3·0	170	3·6	180	2·6	210	4·3	210	3·9	220	3·9	240	3·6	350	2·3	—	1·0	—	0·7	—	1·0	—	0·3	2·1	9
180	4·9	180	4·6	190	4·6	190	3·9	190	3·3	190	2·3	190	2·6	180	1·6	180	3·0	190	2·0	190	1·6	190	2·0	2·4	10
180	3·6	190	3·9	200	4·6	200	3·6	200	3·0	190	3·6	180	3·0	190	3·0	180	1·6	180	2·3	—	1·3	—	1·3	3·1	11
170	4·6	190	3·6	180	3·9	170	3·9	170	3·9	180	3·3	190	2·6	210	1·6	—	1·0	—	0·7	300	2·0	310	2·0	2·5	12
350	2·6	360	2·3	360	2·3	80	2·0	90	1·6	70	1·6	—	1·0	—	1·0	—	1·3	—	1·0	—	1·0	—	1·3	2·6	13
180	4·6	180	4·9	180	4·6	180	4·6	200	3·3	190	2·6	190	2·6	200	2·3	—	1·3	—	1·0	—	1·0	—	1·0	2·7	14
160	3·0	190	3·0	140	2·6	110	2·6	100	1·6	250	1·6	—	1·3	240	2·6	230	2·6	230	3·6	220	2·6	200	1·6	2·6	15
150	5·6	140	5·2	140	5·2	150	4·6	160	3·9	180	2·6	160	2·3	170	3·3	160	3·0	140	3·6	180	2·0	210	2·0	3·2	16
120	3·6	110	3·0	90	3·6	80	3·6	70	2·6	70	5·2	50	3·3	340	2·6	340	2·3	300	2·0	300	3·3	300	3·3	2·5	17
310	7·5	300	7·5	300	6·9	300	7·9	300	7·5	300	7·2	300	7·2	300	7·2	290	5·2	300	4·6	290	4·6	300	5·6	**6·5**	18
280	4·9	290	5·2	310	5·9	330	3·3	320	2·6	300	3·0	300	2·6	290	3·6	290	3·6	300	3·6	—	1·3	270	1·6	4·5	19
160	3·9	160	3·9	160	3·6	150	3·6	160	3·9	150	2·6	140	2·6	140	2·6	140	3·9	130	4·6	140	4·6	150	4·9	2·8	20
100	3·0	90	3·9	90	3·6	80	3·3	80	3·6	90	2·3	110	1·6	—	1·0	—	1·0	—	1·3	320	1·6	310	2·0	3·1	21
70	2·0	70	2·6	60	2·6	50	3·9	50	3·9	50	3·3	30	2·3	360	2·6	360	2·3	350	3·0	360	3·0	360	3·6	2·8	22
290	3·9	300	4·3	300	5·6	300	4·6	300	4·9	310	6·2	300	4·9	310	4·3	310	4·9	300	3·9	300	4·3	300	4·6	4·4	23
340	3·0	20	2·6	120	2·3	—	1·3	—	1·3	—	1·3	340	2·0	310	2·3	300	2·3	300	2·6	290	3·0	300	3·0	3·8	24
180	3·9	170	3·6	190	3·3	220	3·9	230	4·6	210	1·6	210	1·6	280	2·0	290	1·6	270	2·0	290	2·0	250	2·0	2·4	25
180	4·6	210	3·9	200	3·6	220	3·9	240	2·6	—	1·3	—	0·7	—	0·3	—	1·0	280	2·0	290	2·3	300	2·6	2·6	26
130	1·6	130	2·3	140	3·3	160	2·0	170	2·0	180	2·3	—	1·3	210	1·6	220	2·0	240	1·6	230	1·6	—	1·3	**1·8**	27
180	5·6	170	5·6	170	5·9	170	5·6	180	5·9	180	4·9	170	5·2	180	5·2	180	5·2	170	5·6	180	5·6	170	4·9	4·2	28
180	3·3	160	4·3	170	3·0	190	3·3	190	3·3	190	2·6	190	3·0	200	1·6	190	2·0	180	2·0	—	1·3	—	1·0	2·9	29
160	3·6	170	4·3	160	3·3	170	3·6	160	3·0	170	2·6	200	2·3	200	2·0	200	1·6	190	1·6	170	1·6	160	2·3	2·1	30
170	3·9	170	3·3	170	3·3	160	3·0	170	3·3	170	3·0	180	2·0	180	2·6	—	1·0	—	0·3	—	0·3	—	0·7	2·4	31
—	4·0	—	**4·1**	—	**4·1**	—	4·0	—	3·7	—	3·3	—	2·8	—	2·7	—	2·4	—	2·5	—	2·5	—	2·4	3·1	—

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North. ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$) : *Speed in metres per second.*

91. Aberdeen : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·7	—	1·0	—	1·0	—	1·0	—	1·0	—	1·0	—	0·7	—	1·3	—	1·0	310	1·6	300	3·6	310	3·9
2	300	3·6	300	4·3	310	3·3	320	3·0	330	2·6	340	2·0	360	2·3	350	2·0	350	2·3	350	2·0	70	3·0	60	2·0
3	200	1·6	—	1·0	—	1·3	—	1·0	—	1·3	—	1·3	—	1·0	—	1·0	—	1·0	100	1·6	100	1·6	90	1·6
4	300	3·3	300	3·0	290	3·3	290	3·0	290	3·0	280	3·0	290	3·3	300	1·6	—	0·7	—	1·3	110	2·3	110	2·0
5	50	1·6	—	0·7	310	1·6	—	1·3	—	1·0	—	1·0	—	1·0	330	1·6	300	1·6	60	2·0	70	2·6	70	2·3
6	—	1·0	330	2·0	—	1·3	—	1·3	310	2·0	330	1·6	340	1·6	330	2·0	20	2·3	350	2·3	360	2·3	20	2·6
7	—	1·3	—	1·0	—	1·0	—	1·0	—	0·3	—	0·7	—	1·0	—	1·0	—	1·0	—	1·0	100	1·6	100	1·6
8	50	4·3	50	3·9	50	4·6	60	5·9	60	5·6	50	4·9	60	4·9	40	4·3	30	5·2	30	3·9	20	2·6	10	3·3
9	—	1·3	360	2·0	340	4·6	340	4·3	330	4·6	320	4·6	320	5·2	320	7·5	320	9·2	320	9·5	320	8·9	330	6·6
10	310	6·6	310	7·5	300	6·9	290	5·9	290	5·6	280	3·6	280	3·9	300	7·2	300	6·9	300	6·9	310	7·2	310	6·2
11	150	2·0	170	3·0	170	3·0	160	4·6	170	4·6	180	3·3	210	3·3	210	3·9	200	2·6	230	2·6	250	4·6	250	5·9
12	210	1·6	200	2·3	180	2·6	200	2·6	210	6·6	210	5·6	200	5·2	200	6·6	200	4·3	200	5·6	210	4·9	210	3·9
13	200	4·9	200	4·9	200	5·9	190	4·9	200	5·6	210	4·9	210	4·3	200	5·6	210	6·6	210	7·9	200	6·9	210	6·6
14	240	3·6	240	2·0	—	0·7	—	1·3	230	2·3	220	2·6	220	2·6	210	2·6	200	2·3	200	3·6	210	3·3	220	5·6
15	240	4·3	250	3·6	250	3·9	230	3·3	200	2·3	—	0·7	—	1·3	200	2·0	200	2·3	200	2·6	180	2·6	200	2·3
16	230	4·6	230	3·6	240	2·6	250	3·6	220	1·6	230	5·2	220	4·9	230	4·3	220	3·9	230	4·6	260	3·6	230	5·2
17	210	2·3	190	2·3	200	1·6	210	3·0	190	2·6	190	3·0	210	3·6	200	3·3	180	3·3	190	3·9	190	4·3	180	5·6
18	230	6·6	230	6·9	220	6·6	240	8·5	250	9·8	250	10·2	250	8·2	260	7·9	270	7·9	280	9·8	280	10·2	280	9·2
19	210	2·3	200	2·0	200	1·6	—	1·3	210	1·6	210	3·0	210	3·3	210	3·6	210	3·0	220	2·6	220	3·6	220	3·9
20	220	1·6	—	1·3	—	1·0	—	0·3	300	2·0	300	1·6	300	2·3	310	2·3	300	1·6	300	3·0	320	2·3	—	1·3
21	90	10·5	90	11·1	90	6·9	—	1·0	290	2·3	290	5·6	310	8·9	300	9·8	300	8·5	280	7·9	280	6·9	280	8·5
22	220	2·0	—	1·3	—	1·3	—	1·3	—	0·3	—	1·0	—	1·3	—	0·3	—	0·3	—	0·7	—	1·0	140	2·3
23	270	2·3	280	2·0	290	2·6	290	2·6	300	3·6	300	2·6	90	4·9	90	7·2	90	6·9	100	6·6	80	6·6	60	7·9
24	320	2·3	300	2·3	310	3·0	310	3·6	320	3·9	310	3·3	300	3·9	300	5·2	300	3·6	310	4·6	300	4·9	290	5·2
25	250	2·0	220	2·3	240	1·6	—	1·3	—	1·3	—	1·3	—	1·0	—	0·7	240	1·6	220	2·0	—	1·3	140	3·0
26	300	2·0	300	2·3	—	1·0	—	1·3	300	3·3	—	1·3	290	1·6	300	2·3	320	2·3	—	1·3	80	2·6	110	2·6
27	—	1·3	—	1·0	—	1·3	—	1·0	—	1·3	—	0·7	—	1·3	—	1·3	290	2·6	300	3·9	290	4·3	290	4·6
28	230	1·6	—	1·3	—	1·3	240	2·3	230	2·0	220	2·3	200	1·6	210	2·0	—	1·3	180	4·3	180	4·3	190	5·6
29	220	5·9	230	5·2	220	6·9	210	5·9	220	3·6	220	3·9	210	2·3	210	2·6	210	3·0	180	3·9	190	4·6	180	5·6
30	200	3·6	230	5·2	220	5·6	220	4·9	200	3·0	200	2·0	190	3·9	180	4·6	190	3·3	180	3·9	170	4·9	180	4·3
Mean ...	—	3·1	—	3·1	—	3·0	—	2·9	—	3·0	—	2·9	—	3·2	—	3·6	—	3·4	—	3·9	—	4·1	—	4·4

92. Aberdeen : $H_a = 14$ metres + 23 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	310	3·3	310	2·6	310	2·0	290	3·0	280	2·3	270	3·0	200	3·0	180	2·6	190	3·0	200	4·6	200	4·6	210	4·9
2	180	3·6	170	3·9	180	3·9	170	4·3	190	3·3	180	3·9	190	3·6	190	3·3	170	4·3	180	4·9	170	5·2	180	5·9
3	—	0·7	—	1·0	—	0·7	360	1·6	—	1·0	30	2·0	—	1·3	340	2·3	310	3·9	360	3·0	10	3·6	360	3·3
4	310	4·9	300	5·6	300	5·9	290	5·9	300	5·6	300	5·9	290	5·2	290	4·3	270	2·6	290	2·3	270	2·3	—	1·3
5	150	1·6	140	3·6	140	3·6	130	3·6	130	4·3	130	4·3	140	3·6	140	3·0	150	3·0	140	2·6	130	1·6	110	2·3
6	80	3·3	60	2·0	—	1·0	250	3·0	280	2·6	260	3·3	240	5·2	240	4·6	240	4·6	240	5·9	230	4·9	230	6·2
7	190	3·3	210	3·9	270	5·2	280	6·9	280	8·2	280	8·5	270	5·2	260	4·9	250	3·6	260	5·6	260	4·3	260	5·6
8	240	2·3	—	1·3	—	0·7	—	0·3	—	0·7	250	1·6	—	1·3	—	1·0	—	1·3	—	0·7	—	1·3	290	1·6
9	290	2·3	290	3·0	290	2·3	—	1·3	—	1·3	280	2·0	—	1·3	260	2·0	250	1·6	—	1·3	170	2·0	170	3·6
10	210	1·6	—	1·3	—	0·3	230	3·0	220	2·3	220	2·6	190	2·0	—	1·3	—	1·0	—	0·3	—	0·3	—	0·7
11	200	3·3	220	3·0	220	3·0	220	3·0	210	2·3	—	1·3	230	2·6	210	3·6	210	5·6	210	4·3	210	4·6	200	5·2
12	170	4·9	180	3·6	190	4·9	190	5·9	200	6·6	220	5·6	220	4·6	210	4·3	220	4·9	220	4·9	220	4·6	210	2·0
13	—	1·0	—	0·7	—	1·0	—	1·3	—	1·3	—	1·3	—	1·3	—	1·3	—	1·3	—	1·3	—	1·0	—	1·3
14	—	1·0	—	1·0	200	1·6	210	1·6	200	2·0	200	2·6	200	2·6	200	3·0	190	1·6	200	2·6	190	2·3	170	2·6
15	190	1·6	180	3·0	190	2·0	180	2·3	190	2·3	190	2·0	—	1·3	180	3·9	180	3·9	180	5·6	180	5·6	190	4·6
16	180	5·2	180	4·3	180	4·3	180	4·6	190	4·9	190	4·9	180	4·6	180	4·3	190	3·3	190	3·6	200	3·6	210	3·3
17	250	2·0	240	3·0	260	4·6	260	3·0	280	3·6	280	3·6	280	2·3	290	3·6	300	4·3	300	7·2	300	6·6	310	6·9
18	—	1·3	—	1·3	—	0·7	—	1·0	—	0·7	—	1·0	—	1·3	—	1·0	—	1·3	260	1·6	—	1·3	—	1·0
19	160	3·0	160	4·3	160	3·9	160	4·9	160	3·9	160	3·9	160	4·3	170	3·9	170	3·6	170	4·3	180	3·3	190	3·0
20	—	0·7	220	1·6	—	1·3	—	1·3	290	3·0	270	2·6	300	4·9	290	5·6	300	5·9	310	5·9	320	8·2	320	7·9
21	310	3·0	310	2·3	310	2·6	330	2·0	340	2·6	350	2·3	350	2·3	360	3·6	10	3·6	10	3·6	20	3·6	40	3·6
22	300	3·3	290	3·0	300	3·0	290	3·3	300	3·6	300	3·0	300	3·0	300	3·6	290	3·0	290	2·6	290	1·6	—	0·7
23	210	3·0	220	3·3	210	3·3	200	2·0	210	2·3	210	2·6	210	3·0	200	3·3	210	3·3	210	4·3	210	5·9	210	6·2
24	210	2·6	210	2·0	210	2·6	200	3·9	190	3·3	190	3·6	200	3·9	190	5·6	190	5·6	180	6·9	190	7·2	190	6·6
25	150	6·6	150	6·6	150	7·2	150	6·9	150	6·9	150	6·6	140	8·5	140	7·2	140	8·9	150	7·5	150	6·6	150	5·9
26	—	1·3	—	0·7	—	1·0	—	0·7	—	1·0	—	1·3	—	1·3	220	2·0	220	2·0	200	1·6	210	2·0	210	2·3
27	310	3·0	310	3·0	310	2·3	320	2·3	320	3·0	320	2·3	320	3·0	300	2·3	300	2·6	310	3·3	300	4·3	310	4·9
28	300	3·0	300	3·3	290	2·3	300	2·3	270	2·6	300	3·0	280	2·3	290	2·3	290	2·0	290	2·0	300	2·0	300	2·0
29	—	1·0	—	0·7	—	1·0	—	1·3	180	1·6	160	3·0	170	2·3	170	3·6	160	3·6	170	4·3	160	4·6	160	4·9
30	250	2·0	250	3·3	250	2·6	—	1·3	210	2·0	230	2·6	220	1·6	—	1·0	220	3·0	220	3·3	220	3·6	200	2·6
31	280	2·0	—	1·3	—	1·3	—	1·0	—	1·0	—	0·7	—	0·7	—	0·7	—	1·0	210	1·6	220	3·0	220	3·0
Mean ...	—	**2·6**	—	2·7	—	2·6	—	2·9	—	3·0	—	3·1	—	3·0	—	3·2	—	3·3	—	3·7	—	3·7	—	3·7

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 14 metres + 23 metres.

September, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
320	3·0	70	2·0	140	2·3	—	1·3	290	2·0	310	2·6	310	2·6	340	1·6	—	1·3	290	1·6	300	3·6	290	3·6	1·8	1
80	2·6	80	3·6	90	2·6	100	1·6	90	1·6	70	1·6	—	1·0	—	0·7	—	0·3	—	0·7	—	1·0	—	1·3	2·2	2
70	2·6	70	2·6	80	2·6	90	2·3	110	2·3	130	1·6	130	2·0	—	0·7	—	1·0	—	1·0	300	2·0	300	3·0	1·6	3
100	2·0	90	2·3	90	2·0	90	2·0	—	1·0	—	1·0	—	0·7	300	1·6	300	2·6	300	2·0	300	1·6	—	1·3	2·1	4
80	3·0	90	2·6	—	1·3	50	2·6	30	3·0	20	1·6	30	2·3	30	2·3	20	1·6	—	0·3	—	1·0	—	1·0	1·7	5
50	3·9	50	4·9	40	5·6	30	3·3	30	3·0	10	2·0	20	1·6	—	1·0	—	1·0	—	1·3	—	0·7	—	0·7	2·1	6
130	2·3	130	1·6	110	2·3	130	1·6	100	1·6	—	1·3	80	2·0	70	2·6	60	2·0	60	3·0	70	3·6	50	3·3	1·6	7
10	1·6	—	0·7	—	1·3	—	1·3	—	1·0	180	1·6	—	1·3	200	1·6	210	2·0	200	2·3	—	1·0	—	1·0	3·0	8
350	6·2	350	6·6	350	7·5	340	6·6	340	7·9	340	7·5	330	8·2	330	8·2	320	8·2	320	6·2	320	5·2	320	7·2	6·3	9
300	6·9	310	5·6	310	5·6	300	3·6	310	2·6	300	2·3	300	1·6	300	1·6	280	1·6	—	1·3	—	1·0	—	0·7	4·7	10
270	5·6	280	6·2	280	6·9	280	6·6	280	5·2	280	3·3	280	3·9	250	2·0	260	5·6	270	5·2	250	2·3	230	1·6	4·1	11
170	4·3	190	4·3	200	4·9	200	3·6	200	3·3	200	2·3	180	2·0	190	3·9	200	4·3	200	4·6	180	5·2	210	4·6	4·1	12
230	8·5	230	8·5	220	8·2	240	4·6	240	5·9	230	4·3	220	1·6	220	3·3	220	2·3	230	2·3	220	3·0	240	3·0	5·2	13
230	6·6	230	6·2	230	5·9	230	5·2	250	5·6	280	3·6	280	3·0	250	3·6	240	2·6	240	3·9	230	3·0	230	3·3	3·5	14
210	3·9	190	3·0	190	4·9	190	4·3	190	5·9	190	6·2	200	5·6	200	6·6	210	7·2	210	5·2	220	5·2	220	4·6	3·9	15
230	5·2	220	4·3	220	3·6	210	4·9	210	4·6	200	4·3	180	3·6	190	3·6	190	3·6	200	2·3	180	1·6	210	2·3	3·9	16
180	5·6	240	5·9	260	7·2	250	8·5	250	9·2	250	8·5	240	4·9	230	8·2	240	8·2	230	8·9	230	8·9	240	8·5	5·3	17
280	7·9	280	7·5	270	7·2	280	5·6	280	4·9	280	3·6	240	2·6	200	2·0	210	2·6	230	2·3	220	3·6	230	3·0	**6·6**	18
210	4·3	220	4·6	220	4·3	220	4·3	210	2·6	190	2·0	200	1·6	200	2·0	180	2·3	200	2·3	210	2·6	210	2·3	2·8	19
140	2·6	170	3·6	180	3·3	180	3·0	170	3·0	170	3·0	170	3·3	150	3·6	150	5·9	130	5·2	120	7·9	110	8·9	2·9	20
280	7·5	280	6·9	280	4·9	270	6·2	270	5·2	260	4·3	250	3·6	250	2·0	230	2·3	220	2·3	230	2·0	230	2·6	5·9	21
140	3·3	180	3·0	190	2·3	250	1·6	—	0·7	280	1·6	280	1·6	300	1·6	290	2·6	—	1·3	—	0·7	270	1·6	**1·5**	22
50	8·2	60	9·8	50	8·9	50	7·2	40	5·2	30	3·6	20	3·0	340	2·0	300	2·3	300	5·2	310	3·6	—	1·3	4·8	23
290	4·9	270	3·0	270	2·6	300	2·6	270	2·0	240	2·0	230	2·0	250	2·3	260	2·6	240	2·0	230	2·0	230	2·0	3·1	24
170	2·3	190	2·0	190	2·0	—	1·3	—	1·3	—	1·3	300	2·0	300	2·3	300	2·3	—	1·0	—	1·0	—	1·0	1·7	25
110	2·3	120	2·0	130	3·0	—	1·0	130	1·6	—	1·0	—	1·0	—	0·3	—	0·7	—	0·3	—	0·3	—	0·7	1·6	26
310	3·6	300	3·9	300	3·9	300	3·9	270	2·0	280	1·6	280	2·0	300	2·3	—	1·0	—	1·0	—	0·7	—	1·0	2·1	27
190	6·9	180	6·2	210	6·9	220	6·2	220	3·9	210	3·3	200	3·3	210	5·9	220	9·5	220	7·5	210	7·2	230	6·2	4·2	28
180	5·9	180	6·9	180	6·9	170	7·2	180	6·9	180	7·2	180	6·6	180	6·6	180	7·2	180	6·6	180	7·5	190	5·9	5·6	29
180	4·3	170	3·0	170	2·3	180	2·3	170	2·0	—	1·0	300	3·0	310	3·9	300	3·6	310	4·3	310	4·3	310	3·0	3·7	30
—	**4·6**	—	4·4	—	4·4	—	3·9	—	3·6	—	3·0	—	**2·3**	—	3·0	—	3·3	—	3·1	—	3·1	—	3·0	3·5	—

October, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
210	5·9	220	4·6	210	7·5	200	8·2	200	5·9	210	5·9	210	5·9	210	5·9	200	3·6	200	3·6	190	3·9	180	4·9	4·3	1
190	3·9	190	4·3	180	3·6	190	3·0	200	2·0	—	1·3	150	2·6	—	1·3	—	1·0	—	1·0	—	0·3	—	1·3	3·2	2
350	3·3	350	3·9	340	3·9	330	4·3	330	4·6	330	4·9	330	5·2	330	4·6	320	4·6	310	4·9	310	4·6	310	4·3	3·2	3
—	0·3	170	2·3	170	3·0	160	2·3	170	2·0	190	2·3	200	2·0	210	2·3	200	1·6	200	1·6	210	1·6	170	2·0	3·2	4
100	4·6	100	5·2	100	5·2	80	5·6	80	5·2	80	6·9	80	7·5	60	5·9	50	5·9	80	5·9	110	4·6	100	3·9	4·3	5
220	6·6	210	5·9	210	5·2	190	3·9	180	3·9	170	4·3	160	4·9	160	5·6	130	6·2	110	7·2	100	6·2	180	3·6	4·6	6
260	4·9	270	4·3	260	4·6	250	3·3	260	3·6	240	4·3	240	2·6	220	2·0	—	1·3	200	2·3	220	2·6	220	3·0	4·3	7
310	2·0	—	1·3	—	1·0	—	0·7	—	0·3	—	0·7	—	1·3	—	1·0	300	1·6	290	2·0	290	1·6	290	3·0	1·3	8
170	3·6	200	3·3	200	3·9	180	3·3	170	3·9	170	3·6	180	3·3	180	4·3	170	4·3	170	4·3	180	3·9	200	3·0	2·9	9
—	1·0	250	1·6	30	1·6	280	1·6	230	2·6	230	2·6	230	2·6	230	1·6	—	1·0	—	0·7	150	2·0	160	1·6	1·6	10
200	5·6	190	6·2	190	4·6	190	5·6	190	5·6	190	4·3	180	4·3	180	3·9	170	4·9	170	4·6	170	6·9	170	5·6	4·2	11
210	2·3	220	3·6	200	3·6	210	3·6	190	2·0	210	2·6	—	1·3	220	2·3	210	2·3	—	1·3	—	1·3	—	0·7	3·6	12
—	0·3	—	0·7	70	1·6	—	0·7	—	0·3	—	1·0	310	2·0	300	2·0	300	2·0	—	1·0	—	0·7	—	0·3	**1·1**	13
170	2·6	180	2·3	190	3·3	200	3·0	210	2·6	210	3·0	200	1·6	—	1·3	—	0·7	200	1·6	—	1·3	—	0·3	2·0	14
180	4·3	190	4·3	170	4·3	170	3·9	180	4·9	170	4·6	170	4·9	170	4·6	180	5·2	180	4·6	180	4·9	180	4·9	3·8	15
210	4·3	220	4·9	210	4·6	220	2·0	—	1·3	200	3·0	200	2·0	250	3·3	250	3·0	260	3·9	250	2·6	240	2·3	3·7	16
300	7·2	310	5·2	310	4·6	310	3·0	—	1·0	—	1·3	—	1·0	300	2·3	290	2·3	290	2·0	290	2·0	—	1·3	3·5	17
—	1·3	170	2·0	170	1·6	190	1·6	—	1·3	210	2·0	220	2·0	210	1·6	—	1·0	—	1·3	170	2·3	180	3·0	1·4	18
190	2·3	200	2·3	210	2·6	—	1·3	210	2·3	230	2·3	220	2·0	240	1·6	270	1·6	290	1·6	—	1·0	—	0·7	2·9	19
330	8·2	340	6·6	320	5·9	330	6·6	310	4·6	—	1·0	300	2·3	300	3·0	310	3·0	300	3·0	300	3·3	310	3·3	4·1	20
60	4·6	50	4·9	50	4·6	40	4·9	360	3·6	350	2·3	360	3·3	340	2·0	330	3·0	—	1·3	320	2·3	10	3·3	3·1	21
—	0·7	50	2·0	—	1·3	—	1·0	—	1·3	210	2·0	220	2·0	220	2·0	230	1·6	220	2·3	220	3·3	220	3·3	2·4	22
200	5·6	210	5·6	210	4·3	200	4·6	200	3·9	200	4·3	200	3·6	190	4·3	180	4·3	190	3·3	220	3·3	210	3·0	3·9	23
180	7·2	180	6·6	180	5·9	170	6·2	170	5·9	170	6·2	170	5·9	170	5·2	160	5·9	160	6·6	160	6·2	160	6·9	5·3	24
150	5·2	160	4·6	160	3·9	160	5·2	150	3·9	160	3·9	150	4·6	150	4·9	160	5·2	180	3·9	190	3·9	190	3·0	**5·8**	25
220	2·0	200	2·0	180	2·0	—	1·0	—	0·7	—	1·0	—	1·0	—	1·3	—	1·0	310	2·0	310	2·3	310	2·6	1·5	26
310	5·6	310	4·3	310	3·3	310	3·6	300	3·3	300	3·0	290	3·6	300	3·6	300	3·0	300	3·6	290	3·0	290	3·0	3·3	27
320	1·6	—	0·7	—	0·7	—	0·7	—	0·7	—	0·7	—	1·3	—	1·3	—	1·3	—	1·3	—	0·7	—	0·7	1·7	28
170	5·6	170	4·9	170	4·6	160	6·2	170	5·9	190	4·9	200	1·6	160	1·6	—	1·3	240	1·6	240	2·3	240	3·0	**3·1**	29
170	2·3	170	2·0	150	2·0	—	0·7	—	1·0	330	1·6	300	2·0	300	2·3	290	1·6	290	2·0	290	2·3	290	3·0	2·2	30
240	2·6	260	3·0	250	3·6	250	3·3	230	2·0	230	1·6	200	1·6	210	2·0	—	1·3	220	2·3	220	2·3	210	2·0	1·9	31
—	**3·8**	—	3·7	—	3·6	—	3·4	—	3·0	—	3·0	—	3·0	—	2·9	—	2·8	—	2·9	—	2·9	—	2·8	3·1	—

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day

Direction expressed in degrees from North. ($E=90°$, $S=180°$, $W=270°$, $N=360°$) *: Speed in metres per second.*

93. Aberdeen : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	230	2·0	240	2·6	240	2·3	—	0·7	300	1·6	300	2·0	310	3·6	320	5·6	310	5·9	310	5·2	300	6·9	300	4·3
2	300	2·6	290	2·6	270	1·6	—	1·3	—	0·7	—	0·7	—	1·3	—	1·3	—	1·0	310	2·6	310	3·3	340	3·0
3	290	6·6	300	8·9	300	7·2	280	3·9	290	5·2	280	2·6	290	4·6	300	6·9	310	6·6	300	7·5	300	6·9	320	7·2
4	300	5·6	300	2·3	300	3·9	290	2·6	290	4·9	290	4·9	280	2·3	280	3·3	260	3·3	250	3·3	250	3·9	240	3·9
5	—	1·3	270	3·3	270	3·3	270	2·3	280	3·6	290	4·9	300	4·6	300	3·6	300	5·2	300	4·6	300	4·9	310	4·9
6	290	2·0	290	1·6	280	1·6	270	1·6	270	2·3	290	2·0	290	2·0	290	1·6	290	1·6	300	2·6	310	3·0	300	3·3
7	290	2·0	300	2·0	290	3·0	290	1·6	290	1·6	290	2·3	290	2·0	—	1·3	290	1·6	—	1·3	290	2·0	290	2·3
8	—	0·3	—	0·3	—	0·0	—	0·3	—	0·7	—	1·0	—	1·3	210	1·6	—	1·3	170	2·6	160	3·0	160	3·3
9	150	5·9	160	4·6	150	5·9	160	3·9	150	5·2	150	4·3	150	3·9	150	4·9	150	4·3	170	4·9	160	3·9	150	5·2
10	160	5·6	150	5·6	160	5·6	160	5·6	160	5·2	160	5·2	160	4·9	150	5·9	150	5·9	160	5·9	150	5·2	160	6·2
11	170	5·2	170	4·3	170	4·6	170	4·6	170	4·3	170	3·9	170	4·6	180	5·2	180	4·6	180	3·9	170	4·6	170	6·2
12	—	1·3	280	1·6	300	1·6	270	2·6	300	5·2	300	4·9	290	2·6	290	2·6	290	4·6	290	4·3	300	3·9	310	4·9
13	300	3·9	300	4·3	300	3·9	300	4·6	300	3·9	300	4·3	300	3·9	300	2·6	300	2·0	100	3·0	110	7·2	120	6·9
14	—	0·3	—	0·3	—	1·3	—	1·0	—	1·0	160	2·3	150	2·6	150	3·3	150	4·9	170	4·9	170	4·9	160	4·9
15	160	5·6	160	4·9	150	5·9	150	5·9	150	5·2	150	5·6	150	4·9	150	5·2	160	3·9	150	5·2	160	5·6	160	4·9
16	210	1·6	240	1·6	240	2·0	240	1·6	240	2·0	—	1·3	230	1·6	230	2·6	230	2·0	220	3·3	220	3·0	210	3·3
17	200	3·0	210	2·6	210	3·9	210	2·6	200	2·6	210	2·0	210	3·3	220	3·6	210	2·0	230	2·0	—	1·3	—	1·3
18	270	3·9	270	3·9	300	4·3	310	3·9	310	3·9	—	1·3	290	1·6	290	2·3	290	2·0	270	2·0	290	1·6	280	2·0
19	280	2·6	250	2·6	250	2·0	—	1·0	270	1·6	—	1·3	250	3·3	240	1·6	—	1·3	230	2·3	220	1·6	220	2·0
20	280	4·9	270	3·0	280	3·3	260	1·6	260	2·6	220	1·6	240	2·0	200	1·6	220	2·3	220	3·6	220	3·3	220	2·0
21	210	2·6	210	3·3	220	4·3	210	3·3	210	2·3	200	2·3	200	2·6	200	3·6	200	4·3	210	6·2	200	4·6	200	4·3
22	260	4·6	—	1·0	310	2·3	290	1·6	—	0·7	—	1·0	—	0·3	—	0·3	—	0·3	—	0·7	—	0·0	—	0·7
23	220	2·3	230	3·3	230	3·6	230	3·6	230	3·6	220	2·6	220	3·9	220	3·3	220	3·3	210	3·6	220	2·3	210	2·6
24	170	2·0	210	3·6	210	4·9	210	6·9	210	4·9	200	4·9	210	5·2	220	4·9	220	3·9	210	6·2	210	6·2	200	4·9
25	200	4·3	200	3·9	210	3·3	210	1·6	200	2·6	190	2·6	200	2·0	180	2·3	190	2·3	190	2·0	180	2·6	180	3·6
26	150	6·6	140	6·6	140	6·2	140	6·6	150	5·9	150	6·6	150	6·2	150	7·2	150	7·2	160	8·2	160	6·6	160	5·6
27	110	7·5	110	7·5	110	6·9	130	8·9	130	7·2	140	6·9	140	7·2	130	8·5	140	8·2	130	9·2	130	9·2	120	9·5
28	210	6·2	200	6·9	210	6·9	210	4·6	210	5·2	220	5·6	210	4·9	210	5·2	200	4·9	210	5·6	210	4·9	210	4·6
29	160	2·6	150	5·9	150	6·2	150	5·2	150	7·2	140	9·2	140	10·2	140	8·2	130	7·9	130	9·8	180	5·2	200	3·3
30	180	3·3	170	3·0	160	4·6	150	4·9	150	5·6	150	5·2	170	4·6	180	3·3	180	3·0	180	3·3	170	3·3	170	3·3
Mean ...	—	3·6	—	3·6	—	3·9	—	3·3	—	3·6	—	3·5	—	3·6	—	3·8	—	3·7	—	**4·3**	—	4·2	—	4·1

94. Aberdeen : $H_a = 14$ metres $+ 23$ metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	230	2·0	—	0·3	220	2·0	220	2·0	220	2·3	210	2·0	—	1·3	—	1·0	—	1·3	—	1·3	—	0·3	—	1·0
2	140	3·0	140	3·6	140	3·9	150	3·3	160	2·6	150	2·0	150	3·3	160	3·3	160	2·3	150	4·6	150	3·9	150	3·9
3	60	4·9	60	6·2	50	6·9	50	7·2	50	8·5	50	8·9	60	10·5	60	10·5	60	8·2	80	8·2	80	8·9	90	7·5
4	120	6·2	130	5·9	140	6·9	140	6·6	150	5·9	150	7·5	150	7·9	150	8·5	150	8·5	150	10·8	160	11·1	160	10·2
5	240	2·0	—	1·0	—	0·7	260	1·6	260	2·6	250	3·9	230	2·6	220	2·6	210	2·3	200	2·0	200	2·3	200	4·3
6	220	2·3	230	2·3	240	1·6	—	1·3	260	1·6	260	3·0	270	3·0	—	1·3	—	1·3	250	3·9	230	2·6	230	2·6
7	210	3·9	200	3·0	220	6·2	210	6·2	210	6·9	200	5·9	180	5·2	180	5·2	180	6·6	190	6·2	200	5·9	210	6·2
8	220	5·2	200	3·0	220	2·6	220	3·0	220	2·6	210	2·6	230	2·3	230	2·6	240	2·3	230	3·0	230	2·3	—	1·3
9	200	4·9	210	3·6	250	2·3	210	3·9	220	2·6	220	3·9	230	2·0	—	1·0	250	3·3	290	2·6	—	1·3	—	0·7
10	220	3·9	200	3·3	210	2·3	200	2·0	210	3·9	200	3·6	200	3·9	200	3·0	200	3·6	200	3·6	190	4·3	200	3·3
11	—	1·3	140	1·6	—	1·3	—	1·3	230	3·3	220	3·0	250	2·3	—	0·7	—	1·0	—	1·0	—	0·7	—	1·0
12	200	2·6	200	2·3	210	4·9	200	3·9	210	4·3	210	5·2	200	5·9	190	3·9	200	3·6	210	4·9	210	4·9	200	5·2
13	190	5·9	190	5·2	180	4·9	190	4·9	190	6·6	1900	6·6	190	8·2	200	8·2	200	8·2	200	8·2	200	6·9	200	5·2
14	240	2·0	240	2·6	230	3·0	240	3·3	240	3·0	—	1·0	260	1·6	—	1·0	230	2·0	—	1·3	—	0·7	—	1·0
15	—	1·3	—	1·0	—	1·3	—	1·3	—	1·3	—	1·0	—	1·3	230	2·6	230	2·0	—	1·0	—	1·0	150	3·9
16	140	6·2	140	5·9	130	4·9	160	3·9	150	1·6	—	1·3	—	1·0	—	1·0	300	2·6	300	1·6	300	3·0	290	2·0
17	220	1·6	210	1·6	200	2·3	210	3·6	200	3·3	200	3·9	210	4·9	200	4·6	200	3·0	210	5·9	220	5·2	210	4·6
18	220	8·2	220	8·9	210	6·9	220	5·6	210	6·9	230	5·6	220	5·9	220	7·2	220	9·8	220	5·6	210	4·3	220	6·2
19	210	5·2	210	6·6	210	8·5	220	9·8	230	6·9	250	4·9	240	6·2	250	5·9	270	5·2	260	5·9	240	3·9	230	4·3
20	210	3·9	220	4·6	220	5·2	230	4·3	150	2·3	190	3·3	190	2·3	150	2·3	180	3·9	160	3·0	230	3·3	230	3·9
21	210	3·3	210	2·3	200	2·3	220	4·3	220	3·6	200	2·6	200	2·3	190	2·6	190	2·6	190	3·3	200	2·0	200	3·6
22	200	5·9	200	4·9	200	4·9	190	4·6	190	5·6	200	5·6	200	5·6	210	3·6	210	2·0	200	3·0	180	3·9	170	4·9
23	200	4·6	190	3·0	190	4·6	160	8·5	160	8·5	170	8·2	170	8·5	170	7·2	180	7·2	180	6·2	210	6·9	220	8·9
24	210	5·9	200	3·9	200	3·3	—	1·3	—	1·3	—	1·0	—	1·3	—	1·0	—	1·0	240	1·6	230	2·0	230	2·3
25	190	5·6	200	6·6	190	6·6	200	6·2	210	6·6	230	6·9	240	6·9	250	7·9	250	7·5	230	5·6	220	4·6	220	3·3
26	300	2·3	100	2·6	110	4·9	110	5·2	110	6·2	130	4·3	110	3·6	180	5·6	180	6·2	180	6·6	170	5·2	180	6·2
27	180	8·2	190	7·9	190	10·8	190	8·2	190	6·2	200	6·9	190	5·2	180	7·9	180	6·6	210	7·2	230	7·9	250	7·2
28	180	3·6	200	3·0	180	3·6	190	4·6	190	3·0	210	3·6	220	4·6	240	3·6	210	3·3	210	3·3	220	3·3	250	1·6
29	180	2·3	190	2·0	180	1·6	180	2·0	—	1·0	200	2·6	220	3·0	240	3·6	200	3·3	200	3·3	200	3·6	180	3·6
30	240	4·9	210	4·6	220	4·3	270	3·3	230	2·0	210	2·6	220	2·6	210	2·6	220	2·6	210	3·0	230	3·3	240	4·6
31	210	4·3	240	4·6	240	7·2	240	8·5	240	8·5	210	5·9	200	4·3	200	4·3	200	2·3	220	4·6	230	5·6	220	5·2
Mean ...	—	4·1	—	**3·8**	—	4·3	—	4·4	—	4·2	—	4·2	—	4·2	—	4·1	—	4·1	—	4·3	—	4·0	—	4·2
Annual Means	—	3·2	—	3·2	—	3·3	—	3·3	—	3·3	—	3·3	—	3·4	—	3·7	—	3·8	—	4·1	—	4·3	—	4·4

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L.+h_a (height of anemograph above ground) = 14 metres + 23 metres.

November, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
300	3·6	280	2·6	—	1·0	—	0·7	—	0·3	—	0·7	120	3·9	130	4·6	130	5·2	150	3·9	300	1·6	310	3·0	3·1	1
350	3·3	340	4·6	330	4·6	320	3·6	310	4·6	330	4·6	330	4·9	310	4·3	310	4·3	300	5·2	290	4·6	290	5·2	3·1	2
330	5·2	330	4·9	330	5·9	320	5·6	310	4·9	310	4·6	310	5·6	310	4·6	310	3·9	310	5·6	310	4·3	300	5·9	5·6	3
220	2·3	230	3·0	230	2·0	250	3·6	240	3·3	220	3·9	220	4·6	230	3·3	210	2·3	220	3·0	240	3·0	230	2·3	3·4	4
300	4·9	310	4·9	310	4·3	300	2·6	290	2·3	290	2·3	280	1·6	270	2·0	290	2·3	—	1·0	—	1·3	280	1·6	3·3	5
310	2·6	310	2·0	300	2·0	310	1·6	300	1·6	—	1·3	300	2·6	300	3·0	3·0	2·3	290	2·3	290	1·6	—	1·3	2·1	6
300	2·0	290	1·6	—	0·7	—	1·3	—	0·7	—	1·0	—	0·7	—	1·3	—	1·0	—	1·7	—	0·7	—	1·0	1·5	7
150	4·3	170	3·9	180	3·6	160	4·3	170	3·6	160	3·9	170	3·9	170	4·9	170	4·3	160	4·3	150	4·3	160	3·9	2·6	8
150	5·2	150	4·6	140	5·6	150	5·2	140	4·9	150	5·6	150	5·9	160	4·9	150	5·2	150	5·6	150	5·6	160	5·6	5·0	9
160	4·9	160	4·6	150	4·9	150	5·2	150	5·2	150	5·9	170	4·3	170	5·2	170	4·9	170	5·6	170	4·6	170	4·9	5·3	10
170	5·2	170	4·3	170	4·6	180	3·9	190	3·3	200	2·3	200	2·0	230	2·3	—	1·3	—	1·3	—	1·3	270	2·0	3·8	11
310	4·9	320	4·6	320	3·9	310	2·3	310	3·3	300	3·9	300	4·3	300	3·9	300	3·6	300	4·3	300	3·9	300	4·3	3·6	12
140	5·6	150	5·6	150	5·9	140	7·5	180	2·6	180	2·3	180	1·6	—	1·0	—	0·3	—	1·0	—	0·7	—	0·3	3·6	13
160	5·6	160	4·6	160	4·6	150	5·6	150	5·9	160	7·2	160	8·2	160	6·9	160	6·9	160	5·6	160	5·2	170	4·3	4·2	14
150	5·9	150	5·9	150	5·9	160	5·9	160	4·6	160	4·3	160	5·2	160	3·9	170	3·6	170	3·0	170	3·3	210	1·6	4·9	15
210	2·6	200	3·6	200	3·0	210	2·6	220	3·0	210	2·3	220	2·0	220	2·6	220	2·6	220	2·3	210	3·9	200	3·0	2·4	16
—	1·0	—	0·7	—	0·7	—	1·0	—	1·3	—	1·0	250	1·6	—	0·7	—	1·3	220	1·6	220	2·0	250	1·6	1·9	17
290	1·6	—	1·3	—	1·3	290	2·0	—	1·3	270	2·0	—	1·3	—	1·0	250	3·0	260	2·6	260	2·6	260	2·3	2·3	18
220	2·3	—	1·0	—	1·3	—	0·3	—	1·0	—	0·7	270	2·0	270	2·6	270	2·3	—	1·3	270	1·6	280	2·6	1·8	19
230	3·0	220	2·6	220	2·0	210	1·6	220	2·6	240	3·0	240	2·0	250	1·6	240	3·3	240	2·0	240	2·0	220	2·3	2·5	20
230	6·2	240	5·6	230	10·8	230	9·2	230	11·1	220	12·1	210	10·2	210	6·6	220	5·2	230	4·6	190	3·0	220	2·6	5·4	21
—	0·7	—	0·7	—	0·3	—	1·3	—	1·0	290	2·0	—	1·0	—	1·3	—	1·3	220	1·6	250	1·6	—	1·3	**1·2**	22
220	2·3	250	1·6	230	1·6	230	2·0	220	2·6	240	3·0	230	2·6	210	3·0	210	2·3	—	1·3	190	2·0	210	2·6	2·7	23
200	4·3	200	3·6	200	4·9	200	3·9	200	5·9	190	6·2	180	4·6	190	3·6	200	2·3	210	2·6	210	5·6	200	5·9	4·6	24
170	3·6	180	3·3	180	3·9	170	3·9	170	3·6	170	4·3	170	4·9	160	4·9	170	4·9	170	5·9	170	5·6	150	6·6	3·7	25
150	5·6	150	5·6	160	4·9	150	4·3	140	6·2	140	6·2	140	5·9	140	4·3	140	3·3	120	5·9	110	7·5	110	6·9	6·1	26
120	9·5	120	11·5	170	6·2	190	3·6	200	3·6	200	4·3	210	3·3	210	3·0	190	3·0	190	2·6	210	4·9	220	5·6	**6·6**	27
200	3·9	190	2·6	200	2·6	190	2·6	190	2·6	190	2·0	170	3·3	180	2·6	170	3·6	170	3·3	160	3·3	170	3·3	4·3	28
210	3·0	210	2·3	200	2·0	210	2·0	190	2·0	190	2·3	210	2·0	190	2·6	190	2·0	180	2·3	180	3·3	180	3·3	4·6	29
170	3·6	150	4·3	150	3·9	160	3·9	170	3·3	170	3·3	170	3·3	180	2·6	190	2·6	200	2·0	—	1·3	200	2·0	3·5	30
—	4·0	—	3·7	—	3·6	—	3·4	—	3·4	—	3·6	—	3·6	—	3·3	—	3·1	—	**3·1**	—	3·2	—	3·3	3·6	—

December, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
—	1·3	170	1·6	190	2·0	—	1·0	—	1·3	—	0·7	—	1·3	140	2·6	150	3·3	160	2·3	160	2·6	160	2·6	**1·6**	1
150	3·3	130	4·9	130	3·0	110	3·6	100	3·9	80	3·3	60	3·0	60	2·0	80	4·3	80	5·9	80	6·2	80	6·2	3·6	2
100	7·9	100	7·5	100	7·2	90	6·9	90	7·9	100	5·9	90	6·9	100	5·9	100	5·2	110	5·9	120	6·2	130	4·6	7·3	3
170	7·9	170	8·9	170	8·2	160	8·9	160	8·5	170	7·9	170	6·9	170	6·6	180	5·6	190	4·6	200	3·0	210	2·0	**7·3**	4
220	4·3	220	4·3	220	4·6	220	6·9	220	4·3	230	6·9	220	3·6	200	2·3	210	3·0	240	1·6	150	2·0	—	1·3	3·1	5
230	2·3	—	1·3	240	3·0	210	2·6	220	2·6	220	3·9	220	3·6	210	3·3	200	3·3	200	3·3	210	5·2	210	5·2	2·7	6
200	8·9	200	6·2	210	5·9	200	7·9	190	6·9	180	7·2	180	6·9	200	3·6	220	3·3	230	4·9	220	5·6	220	5·9	5·8	7
200	2·6	200	2·3	200	2·6	190	2·3	200	2·3	200	3·3	190	2·3	170	2·0	190	3·9	190	3·9	190	3·3	190	4·3	2·9	8
—	0·3	—	0·7	—	0·7	—	0·7	—	1·3	—	1·3	220	2·0	210	1·6	210	2·0	200	2·0	190	2·3	180	2·6	2·1	9
210	4·3	220	4·3	220	4·9	—	1·3	—	1·3	210	3·0	220	4·9	220	3·6	210	3·6	230	4·9	210	3·6	180	1·6	3·4	10
—	1·0	—	0·0	—	1·3	220	1·6	230	3·0	240	2·6	230	3·3	210	2·6	210	3·3	200	3·3	200	2·6	190	1·6	1·9	11
190	4·3	190	3·0	190	2·6	190	3·6	200	4·9	200	5·9	210	6·2	220	4·6	210	4·9	210	4·6	200	4·6	200	5·9	4·4	12
200	5·9	210	6·9	210	3·9	210	2·6	220	2·3	—	1·3	—	1·3	240	1·6	260	2·3	240	2·3	240	2·0	—	1·3	4·8	13
230	1·6	—	0·7	—	0·3	—	0·7	290	2·3	290	2·0	290	2·3	270	2·0	270	2·3	—	1·0	—	1·0	—	1·0	1·7	14
150	4·9	150	5·9	150	6·6	140	7·9	140	8·2	140	8·5	130	8·5	140	9·5	150	8·2	140	7·9	150	6·6	150	7·5	4·4	15
290	2·0	300	3·9	300	4·9	300	5·6	300	4·6	290	3·3	280	2·3	280	2·0	—	1·3	—	1·3	250	1·6	—	1·3	3·0	16
220	4·6	210	3·3	200	2·0	190	3·3	210	3·6	220	7·5	200	4·3	200	3·0	200	4·3	220	4·6	210	6·9	220	7·9	4·0	17
230	4·3	220	4·9	210	6·9	210	6·9	210	7·2	220	7·9	230	7·5	230	5·2	220	3·9	210	3·3	210	3·3	220	4·9	6·2	18
220	2·6	220	3·9	200	3·9	170	2·6	200	3·3	210	3·6	210	3·3	190	3·9	190	3·0	190	3·0	160	2·6	220	5·2	4·8	19
220	2·6	180	2·6	190	3·9	210	5·6	220	6·2	210	3·6	220	5·6	220	3·9	190	2·3	200	3·0	200	2·6	230	2·6	3·7	20
200	3·3	200	3·3	210	2·6	200	3·0	200	2·0	200	3·0	210	2·0	220	2·6	210	5·2	190	3·6	200	3·6	200	3·3	3·0	21
180	4·9	180	4·6	180	4·9	180	5·6	200	4·9	180	6·6	180	9·5	160	10·2	170	9·5	210	9·5	210	9·8	210	10·2	5·9	22
240	8·2	230	6·9	220	7·5	200	6·6	190	5·6	220	3·9	190	3·6	190	4·9	200	4·6	200	3·9	210	5·6	210	4·6	6·3	23
200	1·6	200	2·3	200	2·6	200	3·0	200	2·6	200	3·3	190	3·3	190	3·9	190	3·9	190	4·9	200	4·3	190	3·9	2·7	24
—	1·3	210	3·6	200	2·0	210	1·6	220	2·0	260	1·6	—	1·3	300	2·3	300	3·3	290	2·3	290	1·6	300	2·0	4·2	25
170	5·9	170	6·2	190	6·6	210	5·2	210	3·9	200	3·9	190	5·9	200	5·2	200	5·2	200	4·3	200	7·5	180	6·6	5·1	26
240	7·5	240	6·6	210	6·2	220	5·6	250	5·2	220	6·6	200	7·5	210	8·2	210	7·9	210	5·6	210	5·9	180	5·6	7·0	27
230	2·6	—	1·0	200	3·0	220	3·0	250	3·0	220	3·3	200	3·3	200	4·6	210	5·6	210	4·3	200	2·6	180	2·0	3·4	28
200	4·3	200	5·2	190	4·9	200	5·9	200	7·2	190	5·6	180	7·5	190	7·5	190	8·2	190	8·2	190	7·5	200	6·6	4·5	29
220	5·2	240	3·9	250	5·6	220	5·6	220	4·6	220	6·6	230	3·9	220	4·9	230	5·2	200	4·6	210	3·9	230	4·9	4·2	30
230	5·2	230	4·9	230	5·6	200	4·3	230	5·6	230	7·9	230	7·9	230	7·5	220	7·2	220	7·9	210	7·5	200	6·2	5·9	31
—	4·1	—	4·1	—	4·2	—	4·3	—	4·3	—	**4·6**	—	4·6	—	4·3	—	4·5	—	4·3	—	4·3	—	4·2	4·2	—
—	**4·4**	—	4·3	—	4·2	—	4·1	—	3·8	—	3·7	—	3·5	—	3·3	—	3·3	—	3·2	—	**3·2**	—	**3·2**	3·7	

HIGHEST INSTANTANEOUS WIND SPEED RECORDED EACH DAY BY THE DINES TUBE ANEMOGRAPH.

95. Aberdeen: $Ha = 8$ metres + 13 metres. **1924.**

Day.	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	10	8 20	16	14 0	**22**	7 35	8	10 20	7	13 40	**18**	13 30	8	9 25	*	*	8	10 50	17	15 10	11	21 20	7	21 5
2	6	23 30	25	5 0	13	0 1	7	13 10	10	18 50	15	7 15	15	11 55	12	17 35	7	13 20	13	11 0	12	14 10	11	23 20
3	8	2 0	21	0 45	6	13 30	6	13 35	16	14 45	11	12 40	15	8 5	9	13 30	5	14 20	11	18 45	16	12 30	15	7 35
4	8	9 5	17	1 5	14	20 20	7	17 10	9	16 30	8	12 55	13	16 25	9	16 40	5	3 0	9	3 5	10	3 5	20	13 15
5	13	9 30	26	9 0	16	1 45	9	20 10	14	8 25	7	10 45	15	16 5	14	15 40	6	19 15	11	17 55	11	10 55	15	16 0
6	13	13 45	13	0 25	13	17 40	10	9 55	11	23 50	10	5 40	9	10 25	12	16 15	9	14 10	14	20 30	6	19 45	11	23 15
7	17	22 40	9	1 45	16	6 30	18	16 30	19	8 5	9	12 30	13	19 25	11	13 50	5	23 5	17	5 15	4	6 30	18	11 45
8	22	21 10	16	18 55	16	13 15	**23**	10 10	**23**	11 0	5	11 5	8	11 20	8	13 45	9	7 55	5	0 30	11	23 20	13	1 5
9	20	3 50	21	8 45	10	12 35	16	22 55	11	2 0	10	10 0	7	8 0	10	15 40	19	16 25	11	20 50	13	10 45	11	1 0
10	18	8 0	16	0 10	11	20 40	14	5 0	14	2 10 8 40	8	12 10	10	12 25	11	13 55	16	12 0	8	17 40	13	17 0	11	13 45
11	14	24 0	16	22 55	12	15 30	13	12 0	7	17 45	10	12 45	10	15 40	11	14 25	18	15 30	15	23 10	13	12 50	9	21 5
12	**23**	1 25	18	21 40	14	11 25	9	18 45	11	16 45	17	12 40	**16**	17 10	9	13 25	13	5 45	15	4 45	9	11 35	14	23 45
13	17	14 0	17	0 5	16	13 10	15	23 55	12	16 30	12	13 5	10	9 25	9	9 15	19	14 15	4	8 45	12	11 35	20	7 0
14	7	22 50	11	11 55	11	14 40	17	1 35	11	10 40	13	11 35	10	13 45	10	11 25	15	13 30	9	15 30	16	19 20	7	2 45
15	11	14 55	12	13 50	9	15 30	17	15 25	11	12 50	5	8 20	11	5 40	9	1 40	17	17 40	13	11 20	13	14 10	17	19 35
16	17	23 5	8	14 30	16	14 20	20	9 55	11	17 35	9	17 15	13	14 30	12	14 20	13	13 5	12	13 45	8	16 5	13	0 5
17	16	10 15	11	19 25	16	16 0	9	8 35	11	16 35	8	12 40	13	15 15	11	18 5	17	15 50	13	9 55	9	0 5	14	23 0
18	15	9 30	19	6 5	16	3 50	12	15 20	7	16 30	11	11 55	9	7 50	15	9 25	**26**	10 10	6	24 0	10	3 20	17	8 55
19	11	5 0	12	2 20	15	8 30	8	9 10	8	23 0	8	17 20	8	10 0	**15**	9 50	10	13 50	11	7 35	7	6 55	19	3 50
20	16	5 5	7	13 10	13	13 35	17	16 30	8	11 50	9	14 25	8	10 20	10	23 40	15	23 40	**19**	16 35	10	21 10	12	16 15
21	16	21 45	17	10 55	11	9 5	15	3 40	8	2 10	9	14 35	5	11 25	10	2 30	18	8 40	9	9 0	**20**	18 25	11	20 45
22	9	10 40	14	6 10	9	11 30	16	9 50	10	14 55	9	7 35	*	*	8	23 50	7	12 0	7	4 15	10	1 10	**23**	19 35
23	16	23 20	18	13 35	13	17 15	9	12 15	13	13 0	11	11 0	15	13 30	11	17 40	17	13 15	15	13 15	8	9 10	20	6 40
24	15	4 0	20	11 15	11	4 30	12	17 0	11	14 40	10	12 30	15	11 20	11	7 40	10	11 5	17	12 10	14	17 45	13	22 10
25	15	12 20	15	10 35	9	20 40	12	12 50	10	18 0	11	13 15	12	8 10	8	12 45	7	11 40	16	9 5	13	21 45	15	6 35
26	22	3 5	8	3 5	9	10 30	13	15 55	9	23 30	13	13 10	9	9 50	9	13 30	6	15 0	7	0 5	16	8 40	17	23 5
27	18	10 25	17	11 50	9	13 50	10	11 35	13	12 40	17	7 5	7	17 30	6	14 10	9	10 30	9	13 20	18	14 25	23	3 15
28	13	3 50	15	1 10	11	15 10	6	11 25	6	12 5	13	17 20	10	15 5	13	20 0	19	20 35	6	1 30	16	1 5	12	20 55
29	7	7 10	**30**	17 20	11	16 50	9	23 55	6	17 10	15	9 15	10	4 0	11	1 50	17	23 5	14	16 55	15	10 10	20	20 55
30	9	8 35	—	—	7	9 40	11	10 20	10	15 45	12	17 45	7	13 30	8	13 20	13	2 25	8	10 15	11	6 0	15	15 5
31	14	11 35	—	—	12	13 25	—	—	8	23 50	—	—	11	14 0	9	11 55	—	—	8	15 0	—	—	19	4 5

* Defective Record.

DISTRIBUTION OF WIND SPEED: EXTREME VELOCITIES AS RECORDED BY THE DINES TUBE ANEMOGRAPH.

96. Aberdeen: $Ha = 8$ metres + 13 metres. **1924.**

Month.	DISTRIBUTION OF WIND SPEED.								EXTREME VELOCITIES.					
	More than 17·1 m/s.		10·8 to 17·1 m/s.		5·5 to 10·7 m/s.	·1·6 to 5·4 m/s.	Less than 1·6 m/s.	No Record.	Highest Hourly Wind.				Highest Gust.			
	Dates of Occurrence.	Duration.	No. of Days.	Duration.	Duration.	Duration.	Duration.	Duration.	Veer from N.	Speed.	Mid Time.		Speed.	Date.		
		hr.		hr.	hr.	hr.	hr.	hr.	°	m/s.	day.	hour.	m/s.	day.	h.	m.
Jan.	—	0	8	47	264	347	86	0	120	15	8	18	23	12	1	25
Feb.	29th	1	10	92	278	296	29	0	290	18	29	20	30	29	17	20
Mar.	—	0	1	11	280	381	72	0	280	13	1	14	22	1	7	35
April	—	0	2	3	209	455	53	0	130	12	14	2	23	8	10	10
May	—	0	3	24	149	469	102	0	20	14	8	5	23	8	11	0
June	—	0	2	11	168	415	126	0	20	12	1	12	18	1	13	30
July	—	0	0	0	121	494	116	13	150	9	12	17	16	12	17	10
Aug.	—	0	0	0	116	552	76	0	310	9	18	9	15	19	9	50
Sept.	—	0	2	4	198	406	112	0	280	13	18	10	26	18	10	10
Oct.	—	0	1	3	207	427	107	0	140	11	25	7 9	19	20	16	35
Nov.	—	0	3	8	239	401	72	0	120	13	27	14	20	21	18	25
Dec.	—	0	7	19	292	384	49	0	160	13	22	20	23	22	19	35
Year.	1 day	1	39	222	2,521	5,027	1,000	13	290	18	Feb.29	20	30	Feb.29	17	20

97. Aberdeen. *Readings, in degrees absolute, at 9h, Greenwich Mean Time.* **1924.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	77·2	77·4	77·5	77·4	79·4	81·4	83·5	85·0	85·0	83·7	82·1	80·9
2	77·2	77·4	77·4	77·5	79·6	81·5	83·6	85·0	85·1	83·6	82·1	80·9
3	77·2	77·4	77·3	77·6	79·7	81·6	83·7	85·0	85·0	83·7	82·1	80·8
4	77·2	77·4	77·2	77·6	79·8	81·6	83·7	85·1	85·0	83·7	82·0	80·8
5	77·2	77·5	77·2	77·7	79·8	81·5	83·8	85·2	85·1	83·7	81·9	80·8
6	77·2	77·6	77·1	77·7	79·8	81·5	83·8	85·2	85·2	83·7	81·7	80·9
7	77·2	77·7	77·1	77·9	79·8	81·6	83·8	85·2	85·2	83·7	81·7	80·8
8	77·2	77·7	77·0	78·0	79·7	81·7	83·9	85·2	85·2	83·7	81·6	80·8
9	77·2	77·7	76·9	78·1	79·7	81·7	83·9	85·2	85·3	83·7	81·6	80·7
10	77·3	77·8	76·8	78·2	79·6	81·8	83·9	85·1	85·3	83·6	81·4	80·7
11	77·2	77·8	76·8	78·3	79·6	81·9	83·9	85·1	85·3	83·4	81·4	80·7
12	77·2	77·8	76·8	78·3	79·6	82·0	84·0	85·2	85·2	83·3	81·4	80·6
13	77·2	77·8	76·9	78·4	79·7	82·2	84·1	85·2	85·1	83·3	81·5	80·6
14	77·2	77·8	77·0	78·4	79·8	82·2	84·2	85·2	85·1	83·3	81·4	80·5
15	77·1	77·7	77·1	78·3	79·9	82·2	84·4	85·2	85·0	83·2	81·4	80·6
16	77·0	77·6	77·1	78·3	80·0	82·3	84·4	85·3	84·9	83·2	81·4	80·6
17	76·9	77·6	77·2	78·3	80·1	82·4	84·6	85·4	84·8	83·1	81·3	80·5
18	76·9	77·4	77·2	78·3	80·1	82·5	84·7	85·3	84·7	83·1	81·3	80·4
19	76·9	77·4	77·2	78·4	80·3	82·6	84·8	85·3	84·6	83·1	81·1	80·3
20	76·9	77·4	77·2	78·4	80·4	82·6	84·8	85·3	84·6	83·0	81·1	80·3
21	76·9	77·4	77·2	78·5	80·6	82·8	84·9	85·2	84·5	82·9	80·9	80·3
22	76·9	77·4	77·2	78·6	80·7	82·9	85·0	85·2	84·4	82·9	80·9	80·3
23	76·9	77·4	77·2	78·8	80·8	82·9	85·0	85·2	84·4	82·8	80·8	80·2
24	76·9	77·4	77·2	78·9	80·9	83·0	85·0	85·1	84·3	82·7	80·8	80·2
25	77·0	77·5	77·2	78·9	81·0	83·1	85·0	85·2	84·2	82·6	80·8	80·2
26	77·2	77·5	77·2	78·9	81·1	83·2	85·0	85·2	84·0	82·5	80·8	80·1
27	77·3	77·6	77·2	78·9	81·2	83·3	85·0	85·2	83·9	82·3	80·8	80·0
28	77·3	77·6	77·3	79·1	81·2	83·4	85·0	85·2	83·8	82·2	80·8	79·9
29	77·3	77·6	77·3	79·2	81·3	83·4	84·9	85·1	83·7	82·2	80·9	79·9
30	77·3	—	77·4	79·3	81·3	83·5	84·9	85·0	83·7	82·2	80·8	79·8
31	77·4	—	77·4	—	81·4	—	85·0	85·0	—	82·2	—	79·7
Mean	77·1	77·6	77·2	78·3	80·3	82·3	84·4	85·2	84·7	83·1	81·3	80·4

Annual Mean at 124 cm. 281·0.

MINIMUM TEMPERATURE "ON THE GRASS" DURING THE INTERVAL 18h TO 7h. G. M. T.

98. Aberdeen. *Readings, in degrees absolute.* **1924.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	77·3	70·2	70·8	73·6	77·6	80·3	**76·1**	82·7	81·8	80·4	73·2	72·4
2	72·5	74·7	70·2	69·3	71·6	74·1	82·4	82·6	83·1	81·3	74·7	78·1
3	72·6	**79·7**	63·7	74·8	76·2	**71·7**	82·1	76·7	84·9	77·6	71·2	78·6
4	67·4	76·1	66·0	74·4	**67·2**	73·1	82·1	78·6	77·6	**82·4**	70·7	79·8
5	75·5	**79·7**	70·4	77·0	73·6	75·2	77·3	78·7	79·0	79·3	77·8	72·8
6	77·9	74·8	**63·0**	74·0	69·1	77·1	79·2	78·7	84·3	80·1	71·8	71·8
7	74·4	73·3	73·1	75·7	75·1	80·6	79·6	76·1	83·6	77·1	78·1	77·7
8	75·8	76·3	73·6	70·4	76·4	82·3	76·2	75·7	**85·4**	**69·0**	78·7	74·7
9	67·4	76·6	70·4	71·2	73·8	82·6	78·9	76·2	83·1	70·1	79·8	77·7
10	67·7	76·1	74·1	72·9	77·2	81·9	79·7	77·1	75·2	74·9	80·7	73·1
11	**65·8**	74·1	73·7	**64·8**	74·6	82·0	82·6	83·9	74·3	74·0	**81·4**	71·4
12	68·6	73·3	75·3	69·7	70·4	81·9	80·7	83·4	76·9	79·3	71·5	77·1
13	73·7	73·5	73·7	70·4	74·1	79·2	83·7	79·7	81·4	77·6	73·3	81·1
14	68·6	73·0	73·6	74·7	71·8	73·9	77·8	83·0	71·6	76·3	75·6	68·5
15	69·3	69·3	**76·4**	70·9	74·0	83·0	84·8	83·5	75·1	76·1	79·1	**67·3**
16	77·9	73·2	73·3	71·6	74·8	77·4	82·7	77·0	78·6	80·8	**68·8**	78·7
17	74·8	72·0	71·0	68·6	72·1	77·8	80·6	**75·2**	77·0	72·4	71·6	71·2
18	73·7	75·6	68·4	72·3	74·1	81·3	82·4	81·8	80·0	71·3	70·7	**81·9**
19	75·2	72·9	73·1	74·3	73·2	76·9	81·5	81·9	73·7	79·1	71·0	77·3
20	69·8	72·8	66·3	79·6	79·5	78·6	78·2	82·6	76·7	74·1	72·7	75·2
21	67·7	76·9	71·0	78·8	80·4	74·6	82·6	83·8	82·3	73·5	77·2	76·6
22	77·9	74·3	69·1	74·1	81·0	75·7	79·2	84·5	**70·5**	71·7	76·3	73·8
23	**78·4**	72·7	75·2	70·3	78·4	80·5	78·4	81·3	71·4	70·7	71·3	77·4
24	77·2	75·2	76·2	70·9	72·1	78·7	76·7	81·9	77·4	75·2	77·6	71·6
25	70·0	73·4	74·2	77·9	74·1	76·9	80·4	81·5	71·4	78·7	78·7	76·2
26	74·7	72·4	73·9	**79·7**	78·5	**86·2**	79·3	77·2	73·3	73·0	80·9	70·8
27	73·7	73·1	73·3	77·3	74·8	82·8	81·0	75·3	74·1	78·7	80·8	75·9
28	75·4	**67·4**	74·4	73·3	78·7	73·0	79·8	76·7	72·9	76·9	77·9	70·2
29	78·1	72·8	70·0	76·1	**81·1**	83·0	84·3	**85·1**	83·0	73·9	76·3	68·6
30	69·3	—	73·2	74·4	*	78·6	**85·4**	79·9	81·2	74·3	77·7	73·6
31	74·0	—	69·6	—	79·4	—	83·6	83·2	—	72·1	—	71·5
Mean	73·0	74·0	71·6	73·4	75·2†	78·7	80·6	80·2	78·0	75·9	75·6	74·7

Annual Mean 275·9.

* Reading not available. † Mean for 30 days only.

NOTES :—(1) The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.
(2) The minimum "on the grass" refers to the interval from 18h on the previous day to 7h on the day to which it is entered.

99. Aberdeen. **January, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu.	St-Cu.	10	1	0	0	1	5	..	..	..	..	..	..	●0 early, b & bc all day.
2	St-Cu.	St-Cu : Nb.	St-Cu.	10	8	10	10	9	10	..	≡	●0	..	..	..	o to c ≡, *a* : p ●0, o *p* : o *n* :
3	St-Cu.	—	—	1	0	0	0	0	0	..	..	..	..	⌴	⌴	●0 early, b *a* : b *p* : b ⌴ *n* : ♅
4	St-Cu.	St-Cu.	St.Cu.	1	6	10	10	10	10	⌴	..	≡0	≡	≡0	..	b ⌴ to o ≡0 *a* : ≡ *p* : o *n* :
5	St.	A-St : St-Cu.	St-Cu : Fr-St.	10	9	10	10	10	10	..	..	..	..	..	..	Dull throughout.
6	St-Cu : Fr-St.	St-Cu : Fr-St.	St-Cu.	9	9	7	7	9	10	..	..	..	..	..	..	●0 early, c & o all day.
7	St.	St-Cu : Fr-St.	Nb.	10	4	10	10	10	10	..	..	..	..	●0	..	o to bc to o *a* : o, ●0 q *p* : p ●0 *n* :
8	St.	Nb-Cuf.	Nb-Cuf.	10	10	10	10	10	10	..	●0	..	●0	●0	..	o ●0 q, ●0 ▲0 *a* & *p* : p ●0 q *n* :
9	Nb.	Cu-Nb.	Cu-Nb.	9	4	6	9	9	3	✳0	..	..	✳0	p▲0	..	c& o p ✳, p ▲0 *a*, *p* & *n* :
10	St.	Nb.	Nb.	10	10	10	10	8	0	..	..	✳	●0	..	..	o, o ✳ *a* : ✱0 *p* : b *n* : ⊠ 20 mm.
11	St-Cu	St-Cu	St-Cu	1	4	6	6	5	10	⌴	..	≡	≡	≡0	..	b ⌴ to bc ≡ *a* : ≡0 *p* : o *n* : ⊠ 10 mm
12	A-St.	St-Cu.	Ci-St : St-Cu.	0	2	1	2	4	4	..	..	..	..	⋓	⋓	● early, bq *a* & *p* : bcq ⋓, ⋓ *n* :
13	Nb.	Nb.	Nb.	10	10	10	10	10	10	●	●≡0	●≡0	≡0	●≡0	..	●≡ & ≡0 *a* & *p* : o *n* :
14	A-St.	Ci.	—	1	1	1	1	0	0	⌴	⌴	..	..	≡	⌴	b ⌴, ≡0 *a* & *p* : b ≡, ⌴ ≡0 *n* :
15	St.	St.	St.	10	10	10	10	10	10	..	..	..	..	..	..	Dull throughout.
16	St.	St.	Fr-St.	10	9	10	10	1	4	..	..	..	≡0	..	..	o q, ≡0 *a* & *p* : b & bc *n* :
17	St.	St-Cuf.	St-Cuf.	10	10	10	10	10	10	..	..	..	..	..	..	oq *a* : p △, ●0 △0 *p* & *n* :
18	Nb.	Nb.	Nb.	10	10	10	10	10	10	p0●△0	..	●0	..	●0≡0	●0≡0	p ●0 △0, ✱, ●0 *a* & *p* : ●0≡0 *n*
19	St-Cu.	A-Cu. : Fr-St.	St-Cu.	1	4	8	2	8	2	..	..	..	..	..	..	bc & c *a*, *p* & *n* :
20	St-Cu.	—	St-Cu.	9	1	0	3	1	2	..	..	..	..	..	..	● early, fine all day.
21	A-Cu.	St-Cu. : St.	Nb.	4	7	10	10	10	10	⌴	≡	..	..	●0	●0	⌴ to c ≡, o *a* & *p* : ●0 *n* :
22	Nb.	Nb.	Nb.	10	10	10	10	10	10	●	●	●	●0	●0	●0	o ● *a*, *p* & *n* :
23	St. : Fog	St.	St.	10	10	10	10	10	10	≡⋮	≡⋮	≡0	≡0	..	..	≡⋮ to ≡0 *a* & *p* : o *n* :
24	St.	A-St. : St.	Ci. : St-Cu.	10	10	10	5	7	0	..	..	≡0	..	..	..	o *a* : ≡0 to bc *p* : b *n* :
25	—	St-Cu.	St-Cu.	0	2	9	4	1	10	⌴	..	..	..	..	..	b ⌴ to o *a* : o to b *p* : o *n* :
26	St-Cu. : Fr-St.	St-Cu. : Fr-St.	St-Cu.	7	9	10	9	8	7	..	..	..	..	..	..	c & oq *a*, *p* & *n* : ● later.
27	—	St-Cu.	St-Cu.	0	0	1	4	3	4	..	..	..	..	..	..	b & bq *a* & *p* : p ●0 *n* :
28	Nb.	St-Cu.	A-St. : St-Cu.	10	9	10	9	10	10	●	●	..	..	..	●	●, o *a* : o *p* : ● *n* : [18h-24
29	St-Cu.	St-Cu.	St-Cu.	9	9	9	8	2	1	..	..	..	..	≡0	..	●0 early *a* : o to b ≡0 *p* : b *n* : ♅
30	A-St.	St-Cu.	St-Cu.	6	8	9	9	10	10	⌴	..	≡0	≡0	≡0	..	⌴ to o ≡0 *a* : o ≡0 *p* : o *n* :
31	A-St.	A-St.: A-Cu.: St-Cu.	St-Cu.	9	10	10	9	7	4	..	..	..	..	..	..	o *a* & *p* : bc & c *n* :
Mean Cloud Am'nt				7·0	6·6	7·6	7·3	6·9	6·6							

100. Aberdeen. **February, 1924.**

1	St-Cu.	A-Cu.	St-Cu.	1	0	3	7	1	0	..	..	..	..	..	..	b *a* : bc & c *p* : b *n* :
2	—	Cu.	St-Cu.	0	0	3	3	4	10	..	..	..	..	..	..	bq *a* & *p* : oq *n* :
3	St-Cu.	Cu.	St-Cu.	10	4	5	6	9	7	..	..	..	..	..	..	o early, bcq *a* & *p* : c *n* :
4	St-Cu.	St-Cu.	St-Cu.	6	8	10	10	8	10	..	..	..	..	..	..	c & o *a* : o *p* & *n* :
5	Ci. : St-Cu.	Nb.	St-Cu. : Fr-St.	8	10	10	10	10	10	..	..	..	..	..	..	c & oq, p ●0 *a*, *p* & *n* :
6	Nb.	Nb.	Nb.	10	10	10	10	10	7	●0	●0	●0	●0	●0≡0	..	●0 *a* & *p* : o to bc & c *n* :
7	St-Cu.	St-Cu.	St-Cu.	9	9	9	9	9	10	..	..	..	..	..	..	Dull throughout.
8	St.	St-Cu. : St.	St-Cu. : St-Cuf.	10	10	10	9	6	10	..	..	..	..	..	..	Mainly overcast all day.
9	St-Cu.	St-Cuf.	St-Cuf.	10	9	10	10	10	10	..	..	..	..	..	●0	oq *a* & *p* : ●0 *n* :
10	St.	St.	Nb.	10	8	10	10	10	10	..	..	..	..	●0	●0	● early, o *a* : o, ●0 *p* & *n* :
11	St-Cuf.	St-Cuf.	St-Cuf.	10	10	10	10	10	10	..	..	..	p✳0	..	p✳0	●0, o *a* : op ✳0 *p* & *n* :
12	Nb.	Nb.	Nb.	10	10	10	10	10	10	●▲0	✱0	✱▲	✱	..	✱0	●0 ▲0, ✱0, q *a*, *p* & *n* :
13	St-Cuf.	St-Cuf.	St-Cuf.	10	10	10	10	10	10	..	..	..	..	..	..	o *a* : op ✳0 *p* : o *n* :
14	St-Cu.	—	St-Cu.	9	2	0	0	8	10	..	..	..	..	..	✳0	o to b *a* : b & bc *p* : o ✳0 *n* :
15	St-Cu.	Ci. : Cu-Nb.	Nb - Cuf.	4	8	6	9	8	7	..	..	..	●0	..	..	bc *a* : ●0, ✱ *p* : p ● *n* :
16	St.	St-Cu.	Ci-St.	10	10	9	8	7	10	..	≡0	..	..	⋓	..	●0, ≡ to ≡0 *a* : c & o *p* : o*n*: ⋓ 18
17	Nb.	St-Cu.	St-Cu.	10	10	1	5	8	10	●0	●	..	..	..	●	● to b *a* : bc & c *p* : ● *n* :
18	St-Cu.	Nb-Cuf.	Cu-Nb.	5	3	9	9	9	8	..	..	..	..	..	..	● early, bcq p ✳0 *a* : op ✳ 0q *p* : c *n*
19	A-St. : St-Cu.	A-St.	St-Cu.	7	9	10	10	10	10	..	..	..	..	..	..	c & o *a* : o *p* & *n* :
20	St-Cu.	St-Cu.	St-Cu. : Nb-Cuf.	10	10	10	10	10	10	..	..	..	..	●0	..	o *a* & *p* : ●0 *n* :
21	St-Cu.	Cu. : Cu-Nb.	St-Cu.	10	9	9	8	8	8	..	..	..	..	..	..	c & o p ●0 *a*, *p* & *n* :
22	St-Cu. : Nb.	St-Cu. : Cu-Nb.	St-Cu.	10	10	10	6	9	8	p✱0	..	..	..	..	..	o p ✳0 *a* : bc & o *p* & *n* :
23	St-Cu.	St-Cu.	St-Cu.	3	3	9	9	10	10	..	..	..	..	..	..	b to oq *a* & *p* : o *n* :
24	Nb-Cuf.	Nb-Cuf.	St-Cu. : St-Cuf.	7	6	6	7	8	6	..	..	p●0	..	..	..	bcp ● *a* : cp ●▲ *p* : bc & c *n* :
25	St-Cuf.	Cu.	St-Cu. : St.	9	4	2	6	9	10	..	..	..	..	..	●0	p ● early, b & bc *a* & *p* : ●, ●0 *n*
26	St.	St-Cu. : St-Cuf.	A-Cu. : St-Cu.	10	9	10	9	4	10	..	..	..	..	..	..	●, o *a* : o *p* : c & o *n* :
27	St-Cu.	Cu-Nb.	Cu-Nb.	10	9	8	7	3	7	..	p●0	p●0	..	..	p✳	cp ●0 *a* : c p ✱0 q *p* : c p ✳ *n* :
28	St-Cu. : Cu-Nb.	St-Cu. : Cu-Nb.	St-Cu.	6	7	9	3	10	10	p✳	✳	..	..	..	..	cp ✳ *a* : b & o *p* : o *n* : ⊠ 20 mm.
29	Nb-Cuf.	Cu-Nb.	Cu-Nb.	6	10	4	10	7	10	✱	✳	..	✳ ≠	✳ ≠	✳ ♒ ≠	✳, ✳ *a*: ✳q ≠ *p*: ✳ ♒ ≠ *n* : ⊠ 30 mm.
Mean Cloud Am'nt				7·9	7·5	7·7	7·9	8·0	8·9							

Day.	7h	13h	18h	7h	9h	13h	15h	18h	21h	7h	9h	13h	15h	18h	21h	Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

101. Aberdeen. **March, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Nb.	St-Cu. : Nb-Cuf.	A-St. : St-Cu.	10	10	10	10	9	10	✱	✱	...	...	...	...	✱q *a* : oq *p* & *n* : ⊠ 60 mm.
2	St-Cu.	Ci. : St-Cu.	A-St. : St-Cu.	10	10	8	8	9	1	...	✱	...	...	...	...	o, p● *a* : c & o *p* : b *n* : ⊔ 15 mm.
3	Ci. : St-Cu.	A-St.	A-St.	2	5	6	5	3	0	...	...	...	...	...	...	b & bc *a*, *p* & *n* :
4	A-St. : St-Cu.	St-Cu. : Cu-Nb.	St-Cu : Cu-Nb.	7	3	7	8	4	0	≡°	...	...	...	...	...	c≡°, b *a* : c *p* : b *n* :
5	Ci. : St-Cu.	Ci. : Cu-Nb.	St-Cu. : Cu-Nb.	2	2	4	8	7	0	...	...	...	...	...	...	b & bc *a* : c *p* : ✱ to b *n* :
6	Ci.	Ci. : Ci-St.	A-St.	1	1	4	5	10	10	...	...	...	...	...	...	b *a* : bc to o *p* : o *n* : ⊠ 25 mm.
7	A-St.	A-Cu.	A-St.	10	10	9	9	8	1	...	...	...	...	...	...	o *a* & *p* : c to b *n* :
8	A-St.	Ci-St. : Cu.	Ci-St. : A-St.	7	7	4	4	3	2	...	...	...	...	...	...	bc & c & *a* : b *p* & *n* : ⊕ 9h
9	Nb.	A-St.	St-Cu.	10	10	8	6	3	6	●°	...	...	...	...	...	●° to c *a* : bc *p* : bc *n* :
10	St-Cu.	St.	St.	8	10	10	10	10	10	...	...	...	...	...	...	c & o *a* : o *p* & *n* :
11	St.	St-Cuf.	—	10	10	4	1	0	0	...	...	...	...	...	...	o *a* : b & bc *p* : b *n* :
12	St.	Ci.	Ci.	9	5	1	1	2	0	...	...	...	...	...	...	bc *a* : b *p* : b ⊔ *n* :
13	—	Ci-St. : Ci-Cu.	Ci. : A-Cu.	0	1	3	6	2	4	⊔	...	...	...	...	...	⊔ ⊔, bq *a* : b & bc *p* & *n* :
14	A-St.	A-St.	Ci. : A-Cu.	4	10	10	8	9	10	...	...	...	⊕	∞	∞	bc to o *a* : c ⊕, ∞ *p* : o *n* : ⊕ 14h–15h
15	Nb.	St-Cu : Cu.	Ci. : St-Cu.	10	10	7	7	7	10	●°	...	...	...	...	...	●° to c *a* : c *p* : c & o *n* :
16	St-Cu. : Cu-Nb.	Cu.	Cu. : Cu-Nb.	8	4	4	3	2	1	✱	...	...	...	...	...	✱, p ✱, bcq *a* : b & bc : p✱△ *p* & *n* :
17	St-Cu. : Cu-Nb.	A-Cu. : Cu-Nb.	Cu-Nb.	5	5	8	8	1	1	p✱	...	...	p✱°	...	...	cp ✱ *a* & *p* : b *n* : ⊠ 2 mm.
18	St-Cu. : Cu-Nb.	St-Cu. : Cu.	Nb.	8	1	9	10	10	10	p✱	...	...	...	✱°	...	cp ✱ *a* : o to o ✱° *p* : o *n* :
19	St-Cu. : St-Cuf.	Cu.	Ci. : Cu.	3	9	1	1	2	1	...	...	...	...	...	...	● early, b & o p ✱ *a* : bq *p* : b *n* :
20	Ci. : St-Cu.	Ci-St. : Cu.	A-St.	2	2	5	8	9	5	...	...	⊕	⊕	...	...	b to bc *a* : c to o *p* : bc *n* : ⊕ 13h–15h
21	—	Ci.	Ci. : Ci-St.	0	0	3	7	4	7	...	...	...	⊕	...	...	b *a* : bc & c *p* : c *n* :
22	St.	Nb.	Nb.	10	10	10	10	10	10	...	✱°	●°	●°	●°	●°≡°	o, o ✱° *a* : ●° *p* & *n* :
23	Nb.	Nb.	Nb.	10	10	10	10	10	10	≡°	●≡°	●≡°	●≡°	●	●	≡° to ● *a* : ● *p* & *n* :
24	St-Cuf.	St.	St.	10	10	10	10	10	10	...	...	...	...	...	●°	● early, o *a* : o, p●° *p* : ●° *n* :
25	Nb-St.	St-Cu. : St-Cuf.	St-Cu. : St-Cuf.	10	10	10	10	10	10	●°	...	...	...	...	...	●°, o *a* : o *p* : op ●° *n* :
26	St-Cu. : St-Cuf.	St-Cu. : St-Cuf.	St-Cu. : St.	10	10	10	10	9	10	...	...	...	...	...	...	p ●°, o *a*, *p* & *n* :
27	St-Cu. : St.	St-Cu. : Fr-Cu	St-Cu. : Cu.	10	4	9	9	9	10	...	...	...	...	...	...	o to bc *a* : o *p* & *n* :
28	St-Cu.	St-Cu. : St-Cuf.	St-Cu. : Cu.	10	10	10	10	8	0	...	...	...	p●°	...	...	o *a* : p ●° *p* : b *n* :
29	St-Cu. : Cu.	St-Cu.	St-Cu.	2	4	8	9	9	10	...	...	...	...	...	...	p ✱° early, bc *a* : c & o *p* & *n* :
30	St-Cu.	Ci. : St-Cu.	St-Cu.	9	10	6	7	9	6	...	...	...	...	...	...	c & o *a*, *p* & *n* :
31	St-Cu.	Cu-Nb.	Cu-Nb.	8	2	4	7	6	7	...	...	...	...	...	...	bc p ✱° *a* : cp ●, p ●▲ *p* : p ●° *n* :
Mean Cloud Am'nt				6·9	6·6	6·8	7·3	6·6	5·5							

102. Aberdeen. **April, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	St-Cu.	Ci. : St-Cu.	9	9	6	4	3	0	...	...	...	...	...	...	c & o *a* : bc *p* : b *n* :
2	St-Cu.	A-Cu.	A-Cu.	8	10	6	9	10	10	...	≡°	...	...	...	...	c & o ≡° *a* : c & o *p* : o, ●° later *n* :
3	Nb.	St.	Ci-Cu. : A-Cu.	10	10	10	8	6	7	●°≡°	...	...	...	...	...	●°≡°, o *a* : c & o *p* : bc & c *n* :
4	St.	St-Cu. : Cu-Nb.	St-Cu.	9	7	8	9	7	6	...	...	...	...	...	...	●° early, c *a* : c & o *p* : bc *n* :
5	St-Cu.	Ci. : Cu.	St-Cu. : Cu.	8	3	5	10	9	0	...	...	...	...	...	...	b & bc *a* : og *p* : o to b *n* :
6	St-Cu.	St-Cu. : Cu.	St-Cu. : Cu.	10	10	10	6	4	1	...	...	...	...	...	...	p ● early, o *a* : bc *p* : b *n* :
7	St-Cu. : St.	A-Cu. : Cu.	St-Cu. : Cu.	10	8	2	3	4	0	...	...	y	y	y	...	●° to by *a* : by *p* : b *n* :
8	—	Cu.	A-Cu. : Cu-Nb.	0	4	2	5	4	4	...	...	y	y	...	...	b & bcq, p✱°△° *a* : bcq y *p* : bc *n* :
9	Ci. : Cu.	Cu-Nb.	Cu-Nb.	4	5	2	7	8	6	...	...	...	...	p✱△	...	bc & c, p✱° ✱△ *a*, *p* & *n* :
10	St-Cu.	Cu.	St-Cu. : Cu.	8	3	1	2	4	6	...	...	...	...	...	...	p✱△ to b *a* : b & bc *p* & *n* :
11	Ci-St. : St-Cu.	A-St. : St.	A-Cu. : Fr-St.	5	8	10	4	7	5	⊕	⊕	...	...	...	...	[7h–9h bc & c *a* : bc & o ✱ *p* : c & bc *n* : ⊕
12	St-Cu.	Nb.	Nb.	10	10	10	10	10	10	...	...	●°	...	●°	...	o, ●° ✱, ✱ ▲ *a* & *p* : ●°, o *n* :
13	St-Cuf.	Ci-St. : Cu.	A-Cu. : Fr-St.	3	5	2	6	8	10	...	...	...	...	...	...	⊔, b & bc *a* & *p* : c & o, ●° *n* :
14	St.	Nb.	Cu.	10	10	10	7	1	0	≡°	●°	●°	...	...	...	●² early, o ≡°, ● *a* : o to b *p* : b *n* :
15	St-Cu. : Cu.	St-Cu. : St-Cuf.	Cu.	1	5	6	8	1	0	...	...	...	...	...	...	⊔, b & bc *a* : bc & c *p* : b *n* :
16	St-Cu. : Cu.	Cu.	St-Cu. : Cu.	4	4	4	7	4	0	...	...	y	y	...	...	bcq y *a* : c q y *p* : b *n* :
17	Cu.	—	—	1	2	3	2	0	4	...	...	y	y	...	⊍	b & b y *a* & *p* : bc ⊍, ⊍ *n* :
18	Ci-St. : A-St.	A-St. : St-Cu.	A-St. : St-Cuf.	8	9	9	10	9	9	≡°	...	...	...	...	...	c ≡° to o *a* : o *p* & *n* : ⊕ 8h
19	A-Cu.	St-Cu.	St-Cu. : St.-Cu.	6	8	10	10	10	10	≡°	...	...	...	...	≡	bc ≡° to o *a* : o *p* : ≡ *n* :
20	St-Cu.	St-Cu. : Fr-Nb.	St-Cu. : Fr-Cu.	10	9	10	10	8	9	...	...	...	p●	...	...	o, p●, ● *a* & *p* : c & o *n* :
21	St.	Cu.	St-Cu.	10	10	7	9	6	10	...	...	...	...	...	...	o ●° *a* : bc & c q *p* : c & o *n* :
22	St-Cu.	Cu-Nb.	St-Cu : Cu.	1	8	9	7	6	0	...	...	...	✱°	✱°	...	c p ✱, ✱▲ *a* & *p* : b *n* :
23	A-Cu.	St-Cu. : Cu.	St-Cu : Cu-Nb.	1	7	9	10	6	7	...	...	...	...	...	...	b to o *a* : o, p ●°, ●▲ *p* : bc & c *n* :
24	St.	St-Cuf.	Nb.	10	10	10	10	10	10	...	≡	...	●°	●	●	o, ≡, o *a* : o ● *p* & *n* :
25	Cu-Nb.:St-Cu.:Fr-St.	Ci. : St-Cuf.	A-St. : Fr-St.	6	8	5	5	9	10	...	...	...	...	...	●	bc & c *a* & *p* : ● *n* :
26	St.	St-Cu. : Fr-St.	St.	10	9	9	10	10	10	...	...	...	...	...	●	c & o ● *a* : o *p* : ● *n* :
27	St-Cu. : Cu.	St-Cu. : Cu-Nb.	St-Cu. : Cu.	6	7	8	7	4	4	...	...	...	...	...	...	bc & c p ●° *a* : bc & c *p* & *n* :
28	A-St. : St.	Ci. : A-Cu. : Cu.	Ci-St. : Cu.	10	10	5	7	4	8	...	...	...	...	⊕	...	o to c *a* : bc & c *p* & *n* : ⊕ 16h–18h
29	St-Cu.	A-Cu. : St-Cu. : Cu.	Ci. : Cu.	5	8	3	1	1	0	...	...	...	...	...	...	p ●°, bc *a* : b *p* & *n* :
30	St-Cu. : Cu.	Nb.	Nb.	10	10	10	10	10	10	...	...	●°	...	...	●°	p ●°, o ●° *a*, *p* & *n* :
Mean Cloud Am'nt				6·8	7·5	6·7	7·1	6·1	5·5							

103. Aberdeen. **May, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Nb.	A-Cu : St-Cuf.	St-Cu. : Fr-Nb.	10	9	4	9	8	6	...	●°	...	...	p ●°	...	●° to bc *a* : c & o p ●° *p* : b ⌒
2	A-Cu. : St-Cuf.	Nb.	Nb.	10	8	10	10	10	10	...	...	●	●	●	●°	c & o p ●° *a* : ● & ●° *p* & *n* :
3	Nb.	Nb.	A-St. : Nb-Cuf.	10	10	10	10	9	7	●	●°	●	●	●°	p ●°	● & ●° *a* & *p* : c p ●° *n* :
4	St-Cu.	Cu.	Ci-St.	1	1	7	5	4	10	...	...	...	...	⊕	...	b *a* : b & bc *p* : c to o *n* : ⊕ 18h
5	Nb.	Nb.	St-Cu. : St-Cuf.	10	10	10	10	9	7	●°	●°	●	...	...	...	● & ●° *a* & *p* : c & o *n* :
6	Ci. : Cu.	St-Cu. : Cu.	St-Cu. : St-Cuf.	4	8	4	6	9	8	...	...	...	...	...	...	c, p ● ▲ *a* : c & o *p* & *n* :
7	Nb.	Nb.	Nb.	10	10	10	10	10	10	●	●	●≡°	●°	●°	●	● & ●² ≡° *a*, *p* & *n* :
8	Nb.	Nb.	St-Cu. : Fr-Nb.	10	10	10	10	8	9	●	●	●	●	●	...	● q *a* & *p* : ●, o *n* :
9	St-Cu : Cu.	Ci. : St-Cu.	A-St. : St-Cu. : Fr-St.	6	5	3	9	9	10	...	...	...	...	...	...	c p ●° & bc *a* : c & o *p* : o, ● late r
10	Nb.	Nb.	A-St. : St-Cu.	10	10	10	7	8	10	●	●	●°	...	...	...	● & ●° to c *a* & *p* : o, p ●°, late r
11	Ci-St. : St-Cu.	St-Cu. : Nb.	St-Cu. : Nb.	7	9	9	9	8	3	⊕	...	●°	●	...	...	c & o, p ●² ▲² *a* : ● & ●² *p* : b r
11	A-Cu.	Cu. : Cu-Nb.	St-Cu.	1	8	3	1	4	6	≡°	...	...	...	...	...	b ≡°, bc & c *a* : p ●°, b *p* : bc *n* :
13	Nb.	St. : Nb.	Ci. : Cu.	10	10	10	2	2	0	●°≡°	●≡°	...	...	y	⌒	● ≡°, ≡ *a* : o to by *p* : b ⌒ *n* :
14	A-St. : St-Cu.	A-St. : St-Cu.	A-St. : St-Cu.	9	2	9	7	8	7	...	...	...	...	...	...	b & o *a* : c & o *p* & *n* :
15	Cu.	Cu. : Cu-Nb.	Cu-Nb.	1	7	5	4	1	1	⌒	...	p ●°	y	...	...	b ⌒, c T, p ● ▲ *a* : bc y *p* : b *n*
16	A-St. : Cu.	Cu-Nb.	St-Cu. : Cu-Nb.	9	8	8	9	3	2	...	p ●°	◹●	u	...	...	c p ●, ◹ ●, ✱ *a* & *p* : bc p ●° *n*
17	Ci.	St-Cu. : Cu.	St-Cu. : M-Cu.	5	4	8	8	9	10	...	⊕	...	...	...	...	bc *a* : c & o p ●° *p* & *n* : ⊕ 8h–10h
18	Ci-St. : St-Cu.	Ci-St. : St-Cu.	Ci-St.	6	1	4	4	6	2	⌒⊕	...	...	...	...	...	b & bc *a*, *p* & *n* : ⊕ 7h–8h
19	St-Cu. : Fr-St.	St.	St.	7	2	10	10	10	10	...	...	≡°	...	...	...	b & o ≡° *a* : o *p* : c & o *n* :
20	St.	St.	St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull throughout.
21	Nb.	St.	Nb.	10	10	10	10	10	10	●≡	●≡°	≡⋮	≡⋮°	●°≡⋮°	≡⋮	● & ●°, ≡ & ≡⋮ *a* & *p* : ≡⋮, ● late
22	St.	Cu.	St-Cu. : Cu. : Cu-Nb.	10	10	3	6	2	1	≡⋮	●≡⋮	...	...	...	...	≡⋮ ● & ●² *a* : bc *p* : b *n* :
23	Cu.	St-Cu. : Cu.	St-Cu. : Cu.	4	2	5	3	9	6	...	...	...	y	...	...	b & bc *a* & *p* : ●² to b *n* :
24	Fr-St.	Ci. : Cu-Nb.	Ci.	2	3	2	2	1	9	...	...	...	...	...	...	Fine all day, dull late.
25	St.	St-Cu. : St.	St-Cuf.	10	10	10	10	10	8	...	≡	≡°	...	...	...	o, ≡ *a* : ≡° *p* : c & o *n* : T (distant) r
26	St-Cu. : Fr-St.	St-Cu. : St-Cuf.	St-Cu. : St-Cuf.	10	10	10	10	9	2	...	●°	...	...	...	...	c & o, ●° *a* & *p* : o to b *n* :
27	St-Cu. : St-Cuf.	A-Cu. : Cu.	A-Cu.	9	9	6	6	9	10	...	...	y	y	y	...	c & o *a* : bc y *p* : o *n* :
28	St-Cu. : Nb.	St-Cu. : Nb.	Nb.	10	10	10	10	10	10	●°	●°	●°	●°	●°	●	●°, ● & ●² *a*, *p* & *n* :
29	St.	St-Cu.	A-Cu.	10	9	1	1	1	0	...	...	...	...	...	...	o to b *a* : b *p* & *n* :
30	St.Cu : Nb.	Nb.	Nb-St.	10	10	10	10	10	10	●°	...	●°	●°	...	...	● & ●° *a*, *p* & *n* :
31	St.	St.	St.	10	10	10	10	10	10	...	...	≡°	≡°	≡°	...	o, ●° to ≡⋮ *a* : ≡⋮ to o *p* & *n* :
Mean Cloud Am'nt				7·8	7·6	7·5	7·4	7·3	6·9							

104. Aberdeen. **June, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cuf.	A-St. : St.Cuf.	Ci. : Ci-St. : Cu.	10	10	10	7	4	9	...	...	...	...	...	...	oq, *a* : bc & cq *p* : o *n* :
2	A-Cu. : Cu.	Cu-Nb.	St-Cu. : Cu.	6	6	6	5	4	3	...	...	...	...	...	...	bc p ●, ▲ *a* : bc *p* : b *n* :
3	St-Cu. : Cu.	Cu. : Cu-Nb.	Cu.	3	6	8	9	8	8	...	y	...	...	...	...	b & bc, cp ●° *a* & *p* : c *n* :
4	St-Cu. : Cu.	St-Cu.	St-Cu. : Cu.	7	8	2	7	8	3	...	...	...	...	...	...	c *a* : bc & c *p* : b *n* :
5	St-Cu. : Cu.	St-Cu.	St-Cu.	8	8	7	8	8	9	...	...	...	...	...	...	Cloudy throughout.
6	Nb.	Nb.	St-Cu. : Nb.	10	10	10	10	10	10	●	●	●°≡°	≡°	●°≡°	...	● & ●°, ≡° *a*, *p* & *n* :
7	St-Cu. : Cu.	Cu.	A-St. : St-Cu.	7	8	1	5	7	10	...	...	...	...	...	...	c *a* : bc & c *p* : o, p ● later *n* :
8	Nb.	Nb.	Nb.	10	10	10	10	10	10	●≡⋮	●°≡⋮°	●≡⋮°	●≡°	●≡°	≡°	●≡⋮, ≡⋮° *a* : ●≡° *p* : ≡° *n* :
9	St.	St-Cu. : St-Cuf.	St.	10	10	9	10	10	10	...	...	...	...	...	●≡°	o *a* & *p* : ● *n* :
10	St.	A-St.:St-Cu.:Fr-Nb.	A-Cu : St-Cu.	10	10	9	10	7	8	≡	≡°	...	●°	...	...	≡ & ≡°, ● & ●° *a* : ●° *p* : c, ≡° r
11	St-Cu. : St.	A-Cu. : Cu-Nb.	A-Cu.	9	8	3	2	1	10	≡°	...	...	...	...	≡	● early, o to b *a* : b *p* : ≡ *n* :
12	Nb.	Nb.	St-Cuf.	10	10	10	10	10	8	●°≡	●	●°	...	...	...	●≡ to ●° *a* : o *p* : c & o *n* :
13	St-Cu. : Cu.	St-Cu.	Ci. : St-Cu.	10	10	8	4	3	2	...	...	...	...	...	...	c & o *a* : bc to b *p* & *n* :
14	Ci-St.	Ci.	Ci-St. : St-Cu.	1	2	2	5	8	10	...	⊕	...	...	⊕	...	b, bq *a* : bc & c *p* : p ●° *n* : ⊕ 9h & r
15	St-Cu. : Nb.	St-Cu. : Cu.	St-Cu. : St.	9	9	10	10	4	4	...	...	...	●	...	...	op ●° *a* : ● *p* : bc, ≡ later *n* :
16	St-Cu. : Cu.	St-Cu. : Cu. : Cu-Nb.	Cu-Nb.	4	4	7	7	8	8	...	y	...	...	...	...	bc *a* : cp ●° *p* : c *n* :
17	A-St. : Fr-Nb.	St.	St.	10	10	10	10	10	10	●°	●°	...	...	≡⋮	...	● & ●° *a* : o to ≡⋮ *p* : c & o ≡° *n*
18	Cu-Nb.	Ci-St.	Ci : Ci-St.	8	7	8	9	5	2	...	...	⊕	...	...	...	◹ ●, c *a* : c & o *p* : b *n* : ⊕ 11h –1
19	St-Cu. : Fr-St.	St-Cu.	Fr-Cu. : Fr.-St.	7	6	8	1	7	10	...	...	≡°	...	...	...	c, ●≡° *a* : bc & c *p* : o *n* :
20	Ci.	A-Cu. : St-Cu.	St-Cu.	2	4	8	7	1	1	...	...	...	...	...	...	b & c *a*, *p* & *n* :
21	St-Cu.	St-Cu.	St-Cu.	1	1	1	4	7	1	...	...	...	...	...	...	⌒, b *a* : b & c *p* & *n* :
22	Cu. : Cu-Nb.	Cu. : Cu-Nb.	Cu. : Cu-Nb.	8	6	7	9	4	10	...	...	...	...	...	...	c, oT, c & bc *a* : c & o *p* & *n* :
23	St.	St-Cu. : St-Cuf.	St-Cu. : Fr-St.	10	9	9	8	8	8	...	...	...	...	...	...	o *a* : c & o *p* & *n* :
24	St-Cu. : Fr-Nb.	Ci. : Cu.	St-Cu. : Cu.	10	8	7	9	9	5	●°	...	y	...	...	...	c & o ●° *a* : c y, o *p* : bc *n* :
25	Ci. : Ci-Cu. : St-Cu.	A-Cu. : St-Cu. : Cu.	St-Cu.	3	9	4	7	8	9	...	y	y	...	...	...	bc & o, y *a* : c *p* : c & o *n* :
26	St-Cu.	A-St. : St-Cu. : Cu.	Ci-St. : St-Cu.	9	9	9	9	8	9	...	...	...	...	⊕	...	o, p ●° *a* : c & o *p* & *n* : ⊕ 17h–1
27	St-Cu. : St-Cuf.	St-Cu. : Cu. : Cu-Nb.	Cu.	5	8	7	5	7	7	...	...	...	...	...	...	cq, p ● *a* : c p ●° *p* & *n* :
28	Ci. : Ci-Cu. : St-Cu.	Nb.	Ci. : A-St. : Fr-Cu.	4	9	10	10	8	8	...	...	●	●	...	...	bc to o ● *a* : ● *p* : c *n* :
29	St-Cu.	Cu-Nb.	Cu. : Cu-Nb.	7	4	7	7	8	9	...	...	...	...	...	...	bc & c p ● *a* & *p* : c & o *n* :
30	Ci. : Cu.	Cu.	Cu. : Cu-Nb.	3	7	7	9	6	2	...	...	y	...	y	...	bc & c y *a* : c p ● *p* : b *n* :
Mean Cloud Am'nt.				7·0	7·5	7·1	7·4	6·9	7·1							

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	12h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.

105. Aberdeen. **July, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	A-Cu. : St-Cu.	Cu. : Cu-Nb.	St-Cu. : Cu.	8	9	8	8	10	9	...	...	...	p ●°	...	...	c & o *a* : c p ●° *p* : c & o *n* :
2	Nb.	St-Cu. : St-Cuf.	St-Cu. : St-Cuf.	10	10	3	8	9	5	●°	...	...	...	...	...	● to b *a* : bc & c *p* & *n* :
3	St-Cu.	Ci : Cu.	A-Cu. : St-Cu.	9	7	5	5	9	10	...	...	y	...	...	...	c & o *a* : bc & c *p* : o ● late *n* :
4	Nb.	St-Cu. : Cu.	St-Cu. : Cu-Nb.	10	9	9	6	3	4	●	●°	...	y	y	...	●, ●° to o *a* : c p ● *p* : bc *n* :
5	Ci. : St-Cu.	Cu.-Nb	Cu-Nb.	1	8	9	7	9	7	...	...	p ●	...	...	...	b to c & o p ● *a* : p ●² *p* : c & o p ● *n* : [p ● *n* :
6	Nb.	Cu.	Cu-Nb.	10	10	4	2	9	7	●	●°	...	...	p ●	...	●, ●° to c *a* : b to o p ● *p* : c & o
7	A-St. : Fr-Nb.	St-Cu. : Cu-Nb.	St-Cu. : Cu-Nb.	9	9	7	8	7	1	...	●°	...	...	...	...	c & o p ● *a* : c p ●² T *p* : c p ● to b *n* :
8	St-Cu.	Cu-Nb.	Nb.	8	5	10	9	10	7	...	...	●°	●	●	...	bc to o ●° *a* : ● & ●² *p* : c *n* :
9	A-Cu. : St-Cu.	A-Cu. : Cu. : Cu-Nb.	Ci. : St-Cu.	7	7	7	8	6	1	...	...	...	...	...	...	c *a* & *p* : b *n* :
10	St-Cu.	St-Cu. : Nb.	St.	9	7	10	10	10	8	...	...	●	●≡°	...	...	c & o ● *a* : ● & ●² ≡° *p* : c & o *n* :
11	A-St. : St-Cu.	A-Cu. : Cu.	Cu.	3	5	6	4	1	1	...	...	...	y	y	...	b & bc *a*, *p* & *n* :
12	St-Cu.	St-Cu.	A-St. : Fr-St.	2	2	1	3	8	10	...	...	...	...	...	◹●	b & bc *a* & *p* : c to o ◹ ●² *n* :
13	Ci-St. : Cu-Nb.	A-St. : Cu-Nb.	Nb.	2	8	9	10	10	9	...	...	...	◹●	●	...	◹ ● early, b to o, *a* : ◹ ●² *p* :
14	St-Cu.	St-Cu.	A-Cu. : St-Cu.	8	7	8	5	9	9	...	...	...	...	...	...	c & bc *a* & *p* ; p ●° to o *n* : [● to o *n* :
15	St-Cu.	St-Cu.	St-Cu.	8	8	9	9	9	10	...	...	...	...	...	...	Cloudy all day.
16	St-Cu. : Nb.	St-Cu. : Cu.	Ci. : St-Cu. : Cu-Nb.	10	10	2	3	7	3	●°	...	...	...	...	...	●° to b *a* : b & bc *p* : b *n* :
17	St-Cu.	St-Cu. : Cu-Nb.	Cu-Nb.	3	4	6	7	7	10	...	...	...	u	p ●	...	bc & c p ● *a* : u, T p ●² *p* : c p ●°, o *n* :
18	St-Cu. : Cu.	St-Cu. : Cu-Nb.	Cu-Nb.	4	7	6	9	8	5	...	...	...	●°	p ●	...	c p ●° *a* : c & o p ●², ● *p* : p ●°, b *n* :
19	St-Cu. : Cu.	Cu-Nb.	St-Cu. : Cu-Nb.	2	4	9	9	2	5	...	...	●²	●	...	...	bc, c & o p ●² *a* : ● to ●² to b *p* :
20	St-Cu. : Cu.	St-Cu. : Cu.	Nb-St.	7	7	9	10	10	9	...	...	...	...	●°	...	c & o *a* & *p* : ●° & ●, o *n* : [bc *n* :
21	A-Cu. : Cu.	St-Cu.	Nb.	6	9	10	10	10	8	...	...	...	...	●	...	bc to o *a* : p ● to ● *p* : ● to c *n* :
22	St-Cu. : St.	St-Cu. : St-Cuf.	St-Cu. : Fr-St.	9	9	6	5	9	8	...	...	...	...	...	...	c & o *a* : bc & o *p* : c & o *n* :
23	St-Cu.	St-Cu. : Cu-Nb.	St-Cu. : Cu-Nb.	6	7	6	9	6	4	...	...	...	●°	...	...	bc & c p ●° *a* : c p ● & ●² *p* : bc *n* :
24	St-Cu. : Cu.	A-St. : Cu-Nb.	A-Cu. : Cu-Nb.	3	5	9	8	6	4	...	...	p ●	...	p ●°	...	b & bc, c p ● *a* : c p ● *p* & *n* :
25	St-Cu. : Cu-Nb.	St-Cu. : Cu-Nb.	St-Cu. : Cu.	2	9	8	8	10	6	...	...	...	...	...	...	c & o p ●² *a* & *p* : bc *n* :
26	Nb.	St-Cu. : Cu.	St-Cu.	10	9	9	7	9	10	...	...	...	...	...	...	●° early, o p ●° *a* : c & o *p* & *n* :
27	St-Cu.	St-Cu. : Cu.	St-Cu.	8	8	8	2	1	10	...	...	...	...	...	...	c *a* : bc *p* : o *n* :
28	St-Cu. : St-Cuf.	St-Cu. : Cu.	A-St. : Nb.	9	9	7	5	10	10	...	...	...	...	●°	●	c & o *a* : bc to ●° *p* : ● *n* :
29	Nb.	St-Cu.	St-Cu. : St-Cuf.	10	10	10	7	7	10	●	●	...	...	...	...	● *a* : c *p* : c & o *n* :
30	St.	St-Cu. : St-Cuf.	Nb.	10	10	8	10	10	10	...	●°	...	...	●°	●	c & o ● & ●° *a* & *p* : ● *n* :
31	Ci. : A-Cu.	Cu. : Cu-Nb.	St-Cu. : Fr-Cu.	2	5	4	3	3	6	...	...	...	...	...	...	Mainly fair all day.
Mean Cloud Am'nt.				6·6	7·5	7·2	6·9	7·5	7·0							

106. Aberdeen. **August, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	A-St. : Fr-St.	St-Cu. : Fr-St.	Nb.	10	10	10	10	10	8	...	●	...	...	●°	...	● & ●° *a* : o, ●° *p* : ●°, c *n* :
2	A-St. : St.	St-Cu. : Cu.	St-Cu. : Cu.	8	9	7	7	8	0	...	...	...	...	...	...	b to c *a* : c to o *p* : o *n* : ⊕ after 9h
3	—	Ci-St. : A-St.	St-Cu. : St.	0	3	8	10	10	9	...	...	...	...	...	...	b c& c *a* : c *p* & *n* :
4	St-Cu.	St-Cu. : Cu.	St-Cu. : Cu.	5	3	8	7	7	8	...	...	...	...	...	...	b to c *a* : c *p* & *n* :
5	St-Cu.	St-Cu. : Cu-Nb.	St-Cu.	1	1	9	7	1	1	...	...	p ●°	...	...	...	c p ● to b to p ●² T *a* : p ●° *p* : b *n* :
6	A-Cu. : St-Cu.	St-Cu. : Cu.	St-Cu. : Cu.	8	8	9	7	2	3	...	...	...	p ●	...	...	c & o *a* : c p ● *p* : b *n* :
7	St-Cu. : Cu.	St-Cu. : Cu-Nb.	St-Cu. : Cu.	7	10	8	7	1	8	...	...	...	...	...	...	c & o p ●° *a* : c *p* & *n* :
8	St-Cu.	Ci-Cu. : St-Cu.	Ci. : A-Cu. : St-Cu.	6	2	8	10	5	3	...	...	...	...	...	...	bc & c *a* : o to b *p* : b *n* :
9	Ci. : Ci-St. : St-Cu.	Ci-Cu. : Cu.	Ci-Cu. : St-Cu.	4	6	3	4	7	8	...	...	...	...	...	...	Mainly fair. ⊕ after 9h
10	St-Cu.	A-Cu. : Cu.	A-St.	9	8	6	7	10	10	...	...	...	...	...	...	c & o *a*, *p* & *n* :
11	A-Cu. : St-Cu.	A-St. : St-Cuf.	St-Cu.	9	7	9	8	8	8	...	...	...	...	...	...	c & o *a*, *p* & *n* :
12	St-Cu.	Ci. : St-Cu.	Ci. : St-Cu.	5	3	5	1	3	1	...	...	...	...	...	...	Mainly fine throughout.
13	St.	St-Cu : .St-Cuf.	St-Cu. : St.	10	10	9	10	9	9	...	...	...	...	...	...	Dull throughout.
14	St.	St-Cu. : Fr-St.	A-St. : Nb.	10	8	7	10	10	8	...	...	...	...	●°	...	c & o *a* : o, ●° *p* : c & o p ● *n* :
15	St-Cu. : Cu-Nb.	Cu-Nb.	St-Cu. : Cu-Nb.	9	3	5	2	2	1	...	...	...	...	...	...	c p ●, b & bc *a* : bc p ● *p* : b *n* :
16	Fr-St.	Cu.	A-St. : Fr-St.	1	6	1	5	10	10	...	...	...	...	...	●	b & bc *a* & *p* : c to o ● *n* :
17	—	Ci. : Cu. : St-Cuf.	St-Cu. : Cu-Nb.	0	1	5	8	10	10	...	...	...	...	●°	...	b & bc *a* : c & o ●° *p* : ● to o *n* :
18	Ci. : A-St. : St-Cu.	St-Cu. : Nb-Cuf.	Nb.	8	8	10	10	9	9	...	...	●°	●	●°	...	c to o ●° *a* : ● *p* : ●°, o *n* :
19	Nb.	Nb-Cuf.	St-Cu. : Cu-Nb.	10	10	9	8	9	10	●	●	●°	...	...	●	● & ●° *a* : c p ● *p* & *n* :
20	St-Cu. : Nb.	St-Cu. : St-Cuf.	A-St. : Fr-Nb.	9	8	9	9	10	10	●°	...	...	●°	●°	●	p ●° *a* & *p* : ● *n* :
21	St-Cu. : St.	St-Cu. : St-Cuf.	St-Cu. : Cu.	10	9	9	9	9	10	...	...	...	...	...	...	●° early, o *a* & *p* : ●°, ◹ p ●² late *n* :
22	St.	St-Cu. : Nb-Cuf.	St-Cu. : Nb.	10	9	10	10	9	9	...	...	●	...	p ●°	...	o p ● *a* : p ●° *p* : o *n* :
23	A-Cu.:St-Cu.:Cu-Nb	Nb.	Nb.	7	9	10	10	9	10	...	...	●	...	●°	●°	● & ●² early, c & o, ● *a* : ●° *p* & *n* :
24	St-Cu. : St.	Cu-Nb.	St-Cu. : Cu-Nb.	9	8	9	8	6	8	...	...	...	...	...	...	●°, c & o p ●° *a* : bc & c *p* & *n* :
25	St-Cu. : St.	St-Cu. : Cu.	St-Cu.	10	9	8	10	8	2	...	...	...	...	...	...	c & o *a* & *p* : b *n* :
26	Ci. : Ci-Cu.	Ci-St. : St-Cu. : Cu.	A-St. : St-Cu. : Nb.	3	8	6	7	10	8	...	...	...	...	●	...	b to o p ●° *a* : c ◹ ● *p* : ●, c *n* :
27	St-Cu. : Cu-Nb.	St-Cu. : Cu-Nb.	Cu.	9	6	6	7	1	0	...	...	p ●°	...	...	...	b c & c p ● *a* : c *p* : b *n* :
28	A-Cu.	A-St. : Nb.	Nb.	8	8	10	10	10	10	...	⊕	●°	●°	●°	●°	c to o ●° *a* : ●° *p* & *n* : ⊕ 9h
29	Nb.	St-Cu. : St-Cuf.	St-Cu.	10	9	7	1	7	0	●°≡°	...	...	...	...	...	●° ≡° to c *a* : bc *p* : b *n* :
30	St. : Fog.	Cu.	Fr-St.	9	1	1	1	1	5	≡⁝	...	...	...	...	...	≡⁝ to b *a* : b *p* : bc to o *n* :
31	A-St. : Nb.	St.	St.	10	10	10	10	10	10	●°	●°	≡°	≡°	≡°	≡°	●°, ≡° to ≡ *a* : ● ≡° *p* : ≡° *n* :
Mean Cloud Am'nt.				7·2	6·8	7·5	7·4	7·1	6·6							

107. Aberdeen. **September, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	St-Cu. : Cu.	St-Cu. : Cu-Nb.	9	10	10	8	7	3	...	●°	...	...	...	...	●, c & o *a* : c & o p ● & ●² *p* : b *n*
2	St-Cu.	St-Cu : Cu.	St. : Fog.	9	10	6	6	10	10	...	...	...	...	≡⁼²	≡⁼	c & o *a* : bc to o ≡⁼² *p* : ≡⁼ *n* :
3	Fog.	—	—	10	0	0	0	0	0	●°≡⁼	...	y	...	...	p	≡⁼ ●° to b y *a* : b *p* & *n* :
4	St.	—	—	7	5	0	1	0	0	p	≡	...	...	...	...	c to bc ≡ *a* : b *p* & *n* :
5	Fog.	Ci-Cu. : Cu.	Ci : Fr-St.	10	4	2	3	5	10	≡	...	⊕	...	...	...	≡ to b *a* : b & bc *p* : o *n* : ⊕ 13h
6	St.	St-Cu. : Cu.	A-Cu : Fr-St.	9	6	3	6	6	10	...	...	...	...	...	≡	o to b *a* : bc *p* : o ≡ *n* :
7	St. : Fog.	St.	Nb.	10	10	10	10	10	10	≡	≡°	...	...	●	●	≡ to o *a* : o, ● *p* : ● *n* :
8	Nb.	Nb.	St.	10	10	10	10	10	9	●	●≡°	●°	●°	...	...	● & ●° all day, ≡ late.
9	A-St. : Nb.	Nb.	Nb.	9	10	10	10	8	7	●°	●°	●	...	p●	...	● & ●° q *a* & *p* : p ●, c q *n* :
10	Cu-Nb.	Cu-Nb.	St-Cu. : Cu.	2	6	7	5	3	2	...	p●	p●	⊕	...	...	bc p ● q *a* : bc, b *p* : b *n* : ⊕ 15h
11	St-Cu. : St.	Fr-Cu.	Ci-Cu : St-Cu. : Cu.	10	9	4	2	7	3	...	...	y	y	...	...	● early, o to b y *a* : bc *p* : b *n* :
12	St-Cu. : Fr-St.	St-Cu : Cu.	A-Cu : A-St. : Nb.	4	4	6	8	10	8	...	...	...	...	●°	...	bc *a* : c p ●° *p* : c & o ●°, ●² *n* :
13	Ci. : A-Cu. : St-Cuf.	Cu.	St-Cu.	3	2	4	6	1	1	...	...	y	...	...	...	b & bc q *a* : bc q *p* : b *n* :
14	A-St.	St-Cu. : Cu-Nb.	St-Cu.	1	7	8	8	1	1	...	...	p●	...	...	...	⊔ ⊓, c p ●° *a* & *p* : b *n* :
15	Ci. : St-Cu.	A-St. : Nb.	A-St. : Nb.	7	10	10	10	10	10	≡°	●°	●	...	●°	...	≡° to ● *a* : ● & ●° *p* : o q *n*
16	St-Cu.	Ci-St. : A-St. : St-Cu.	Nb-Cuf.	4	1	7	8	10	5	...	...	...	...	●°	...	bc *a* : c p ● *p* : ●° to bc *n* :
17	Ci-Cu.	St-Cu. : St.	—	4	3	10	3	0	0	...	...	...	...	...	...	b & bc *a* : p ●° to b q *p* : b q *n* :
18	St-Cu.	Cu.	Ci.	1	1	1	2	1	1	...	y	y	y	...	...	Fine and squally all day.
19	A-St. : St-Cu.	Ci-St. : A-Cu. : Cu.	A-St. : St.-Cu.	4	6	4	7	10	7	...	...	...	...	...	...	bc & c *a* & *p* : c & o *n* : [⊕ 1
20	St-Cu.	Ci-St. : Cu.	St-Cu.	1	1	4	5	8	10	...	...	...	...	...	...	p ●° early, b & bc *a* & *p* : c to o ● *n*
21	Nb.	St-Cu : Cu.	St-Cu.	10	8	2	2	1	0	●°	...	...	...	...	...	● to ●° to b q *a* : b y *p* : b *n* :
22	A-Cu.	A-St. : Cu.	Cu-Nb.	1	1	6	5	1	0	⊔	...	...	p●°	...	...	b ⊔ *a* : bc p ●° *p* : b *n* :
23	A-St. : St-Cuf.	Nb.	Cu-Nb.	9	10	10	10	10	10	...	●	●°	●°	ℝ●²	●²	● q *a* : ℝ ●² *p* : ℝ ●², ● *n* :
24	St-Cu. : St.	A-Cu. : Cu.	Ci. : St-Cu.	6	5	8	8	6	1	...	...	...	...	...	...	●°, bc & c *a* : c p ●° *p* : b *n* :
25	St-Cu.	St-Cu. : Cu-Nb.	St-Cu : Cu-Nb.	1	1	5	5	2	4	⊔	...	...	...	...	...	b ⊔, bc *a* : bc *p* & *n* :
26	Cu.	Cu.	Fog.	1	1	1	2	10	10	...	...	...	≡	≡	≡	b *a* : b ≡ *p* : o ≡ *n* :
27	St-Cu.	A-Cu. : St-Cu.	St-Cu.	1	3	7	7	8	8	...	...	...	...	...	...	b to c *a* : c *p* & *n* :
28	St-Cu.	A-Cu. : Cu.	A-St. : St-Cu.	5	2	8	9	10	10	...	...	...	...	...	...	bc *a* : c *p* : o *n* :
29	St.	Nb.	A-St. : Fr-Nb.	10	10	10	10	10	10	...	...	●°	●°	●°	...	o to ●° *a* : ●° *p* : o q *n* : [*n*
30	A-St. : St-Cu. : St.	A-Cu. : Cu.	St-Cuf.	8	10	2	9	10	10	...	...	...	...	...	...	c & o ●° *a* : bc & o *p* : p ●°, o, ●° la
Mean Cloud Am'nt				5·9	5·5	5·8	6·2	6·2	5·7							

108. Aberdeen. **October, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	A-St. : A-Cu.	A-Cu.	10	5	6	10	5	10	...	...	...	...	...	...	o to bc q *a* : o q *p* : c q to o *n* :
2	St-Cu. : Fr-St.	St-Cu. : Fr-St.	Ci-Cu : St-Cu.	8	9	10	7	7	10	...	...	...	...	...	...	c & o *a*, *p* & *n* :
3	St.	A-Cu. : St.	Nb.	10	8	8	10	10	10	...	...	...	...	p●°	●	c & o *a* : o p ●° *p* & *n* :
4	St-Cu. : Fr-St	St.	St-Cu.	10	10	10	7	1	0	...	●°	...	...	...	...	● & ●° *a* : c *p* : b *n* :
5	Nb.	Nb.	Nb.	10	10	10	10	10	10	●°	●°	●	●	●	●	●°, ● *a*, *p* & *n* :
6	Nb.	Ci. : Cu.	St-Cu. : Cu.	10	10	4	1	8	8	●	●°	...	...	...	...	● to bc *a* : b & bc *p* : p ●, c *n* :
7	Fr-Nb.	A-St. : St-Cu. : Cu.	St-Cu.	8	8	6	1	1	0	...	...	...	...	...	...	●, bc & c *a* : b v *p* : b *n* :
8	Ci-Cu.	Ci-Cu.	Ci-St. : St-Cu. : Cu.	1	1	1	3	7	7	⊔	⊕	...	⊕	...	...	b ⊔, ≡, b *a* : b–c p ●° *p* : c *n* :
9	—	Ci.	A-St. : St-Cu.	0	0	1	3	10	10	...	...	...	⊕	...	●	⊔ ⊓, b *a* : b to o *p* : ● *n* : ⊕ 15h [9h15
10	St-Cu.	St-Cu. : Cu-Nb.	A-Cu. : St-Cu. : Cu.	9	9	8	8	6	3	...	...	●°	...	...	...	c & o ●° *a* & *p* : b to ● *n* :
11	Cu.	Ci-Cu : Cu.	Ci-St. : Cu.	1	1	5	7	7	4	p	...	...	...	...	⊓	p, b *a* : c & bc, q *p* : bc ⊓ *n* :
12	Cu.	Ci. : Cu.	Ci. : Ci-Cu.	1	0	2	4	4	8	...	...	y	...	...	...	b & bc *a*, *p* & *n* :
13	St-Cu.	St-Cu.	Ci.	9	8	7	3	1	10	...	...	...	∞	...	≡°	c & o *a* : b ∞ *p* : b to o ≡° *n* :
14	St.	Fr-St.	—	10	10	1	8	0	10	≡	...	...	...	≡°	≡⁼	≡ o to b *a* : c to b ≡° *p* : ≡⁼ *n* :
15	—	St.	St.	0	10	10	10	10	10	...	≡⁼	...	...	...	...	b to o ≡⁼ *a* : o *p* & *n* :
16	St.	A-St. : St.	St-Cu. : St.	10	8	10	10	8	0	...	...	...	...	...	...	c & o *a* & *p* : b *n* :
17	Cu.	Cu.	Ci. : St-Cu.	1	0	1	1	3	2	p	...	y	y	...	≡°	b *a* : b y *p* : b ≡° *n* :
18	A-Cu. : St-Cu.	A-St. : St-Cu.	A-St. : St-Cu.	7	10	8	9	10	10	...	...	...	...	...	...	c & o *a* & *p* : o *n* :
19	Nb.	Nb.	St-Cu. : Nb.	10	10	10	7	9	0	●	●	...	...	●	...	● *a* : c & o, ●° *p* : ●, o to b *n* :
20	St-Cu. : St.	St-Cu. : St.	St-Cu.	8	8	8	8	8	0	...	...	...	...	...	...	c & o p ●° *a* & *p* : o to b *n* :
21	Ci. : St-Cu.	Ci-St. : St-Cu.	A-St. : Cu.	3	7	8	9	9	9	...	...	⊕	...	...	p●	bc & c *a* : c & o *p* : b & o p ● *n* :
22	St-Cu. : Cu-Nb.	Ci. : Cu.	St-Cu.	2	1	3	9	9	0	...	...	...	...	...	...	p ● early, b *a* : bc & c *p* : b *n* :
23	St-Cu.	A-Cu. : St-Cu.	A-Cu. : St-Cu.	7	6	2	3	4	1	...	...	...	...	...	...	bc & c *a* : b & bc *p* : b *n* :
24	Fr-St.	Cu.	Fr-St.	1	0	1	3	2	3	...	...	...	...	...	...	Fine and squally throughout.
25	St-Cu. : Fr-St.	Nb.	Nb.	9	10	10	10	10	10	...	...	●°	●°	●°	...	o q, ●° *a* : ●° *p* : ●°, o *n* :
26	St.	St-Cu.	St-Cu.	10	10	10	9	10	10	...	≡°	...	...	...	●	●° early, o *a* & *p* : ● *n* :
27	St.	St-Cu. : St.	St-Cu.	10	10	8	9	10	10	...	...	...	...	...	...	● to c *a* : o *p* & *n* :
28	A-St. : St-Cu.	Ci-St. : St-Cu.	St-Cu.	5	6	7	7	10	10	...	...	⊕	...	...	...	bc & c *a* : c & o *p* & *n* : ⊕ 10h–14h
29	St.	Nb.	Nb.	10	10	10	10	10	10	...	●	●°≡°	...	●	●	o to ● ≡° *a* : ●° *p* : ● : *n* :
30	St-Cu.	Ci-St. : Cu. : St-Cuf.	Ci. : St-Cu.	4	1	5	9	3	0	...	...	...	...	p●	p	●° early to bc *a* : c & o *p* : b p *n*
31	St-Cu.	St-Cu.	St-Cu.	5	7	8	6	4	10	...	≡	...	...	...	p●°	p, ≡ p● *a* : bc *p* : o p ●° *n*
Mean Cloud Am'nt				6·4	6·5	6·4	6·8	6·6	6·3							

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.

109. Aberdeen. **November, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu. : St.	Ci-St. : St-Cu.	St.	7	3	8	10	10	10	...	...	...	...	...	●	bc p ●° *a* : c & o *p* : ● *n* :
2	Nb.	St-Cu. : Nb-Cuf.	Nb.	10	10	9	2	9	0	●°	●	●°	...	●	...	● & ●° *a* : c p ●° *p* : o p ● to b *n* :
3	St-Cu.	Cu-Nb.	St-Cu. : Cu-Nb.	5	7	8	3	6	9	...	...	●°	...	...	●°	c o p ●, ▲ *a* : c p ●° *p* : c & o p ●° *n* :
4	A-St.	St-Cu.	St-Cu.	6	3	8	7	10	10	...	...	...	...	...	...	p ⚹°, bc *a* : c *p* : o *n* :
5	St.-Cu	St-Cu.	St-Cu.	7	9	8	9	9	1	...	...	...	...	...	...	c & o p ●° *a* : c & o *p* : b *n* :
6	St-Cu. : St.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	...	Dull all day.
7	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	...	Dull throughout.
8	St-Cu.	St-Cu.	Nb.	10	10	10	9	9	10	...	...	...	●°	●°	●°	o *a* : ●° *p* & *n* :
9	Nb.	St.	St.	10	10	10	10	10	10	●°	●°	...	...	...	...	●° *a* : o *p* & *n* :
10	St.	St.	St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull throughout.
11	St.	St.	Nb-St.	10	10	10	10	10	10	...	...	...	...	●°	●°	o, ●° *a* : ●° *p* : ●ᵛ to bc *n* :
12	St-Cu.	St.-Cu.	St-Cu.	1	1	1	0	1	1	...	...	...	...	...	...	Fine throughout.
13	Nb.	Nb.	Nb.	10	10	10	10	10	10	●	●	●°	...	●°	●°	● & ●° *a*, *p* & *n* :
14	St-Cu. : St.	Nb.	Nb.	10	9	10	10	10	10	...	...	●°	...	●°	...	p ●° to ● & ●° *a*, *p* & *n* :
15	St-Cu. : Fr-St.	St-Cu.: St.	St-Cu. : St.	10	10	10	9	10	10	...	...	...	...	...	...	Dull throughout.
16	St.-Cu	Ci.	—	1	1	2	3	0	3	...	...	...	...	...	...	Fine throughout.
17	Ci. : St-Cu.	Ci.	Ci-St.	2	1	3	6	3	3	...	≡°	...	≡°	...	≡°	Fine and misty throughout.
18	St-Cu.	Ci-St. : St-Cu.	St-Cu.	1	4	4	8	8	8	...	...	⊕	...	...	...	b & bc *a* : c *p* & *n* : ⊕ 13h–14h
19	St-Cu.	St-Cu.	St-Cu.	3	10	8	10	9	10	...	●° ≡°	≡°	...	...	...	b to ●° ≡° *a* : ≡ to o *p* : o, ●° late *n* :
20	Ci. : St-Cu.	St-Cu. : Nb.	Nb.	2	6	10	9	9	8	...	≡°	●°	●°	●°	...	b, ≡° to ● *a* : ● & ●° *p* : c *n* :
21	Ci. : St-Cu.	A-St. : Fr-St.	St-Cu.	7	6	10	10	7	10	...	...	...	...	...	...	c *a* : c & o q *p* : o *n* :
22	St-Cu.	A-St. : St-Cu. : St.	A-St.	10	10	9	9	3	0	...	...	...	...	...	...	o, ●°, o *a* : o to b *p* : ≡, b *n* :
23	A-St. : St-Cu. : St.	Nb.	St-Cu. : St.	10	10	10	9	8	10	...	●°	●°	...	...	●°	c & o ● & ●° *a*, *p* & *n* :
24	St-Cu. : St.	St-Cu.: Fr-St	St-Cu.	8	4	4	1	3	1	...	...	...	...	...	...	bc & c *a* : b & bc *p* : b *n* : ♅.
25	A-St. : St-Cu.	St.	St.	9	7	10	9	10	10	...	...	...	...	...	●°	c & o *a* & *p* : ● & ●° *n* :
26	Nb.	Nb.	Nb.	10	10	10	10	10	10	...	●°	●° ≡°	≡°	● ≡°	●°	● & ●°, ≡° *a*, *p* & *n* :
27	St.	Nb.	St-Cu.	10	10	10	9	1	0	...	...	●	...	...	...	● & ●° *a* & *p* : o to b *n* :
28	St-Cu.	Cu.	St.	9	7	1	2	1	1	...	...	...	...	...	...	c & o *a* : b *p* : b & o *n* :
29	St-Cu. : Nb.	St-Cu. : St-Cuf.	St-Cu.	10	10	7	7	5	8	●	●	...	...	...	...	● q *a* : bc & c *p* & *n* :
30	Nb.	St-Cu. : St.	St.	10	10	9	9	10	10	● ≡°	...	...	...	...	...	● ≡° to o *a* : o *p* & *n* :
Mean Cloud Am'nt.				7·6	7·6	8·0	7·7	7·4	7·1							

110. Aberdeen. **December, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	A-St.:St-Cu.:St-Cuf.	St.	1	3	8	8	2	8	≡°	...	≡°	...	≡°	≡°	b ≡°–c ≡° *a* : bc ≡° *p* & *n* :
2	St.	Nb.	St-Cuf.	10	10	10	9	10	10	...	●°	...	...	...	●°	● & ●° *a* : o *p* : p ▲, ●° *n* :
3	Nb.	Nb.	St.	10	10	10	10	10	10	●	●	●	●°	...	●°	● q *a* : ●° *p* & *n* :
4	St.	A-St. : Nb-Cuf.	Nb.	10	10	10	10	10	10	...	●	...	●°	●°	●	● q *a* : ● & ●° q *p* : ● & ●² *n* :
5	St-Cu.	Ci-Cu. : St-Cuf.	A-Cu.	1	7	6	5	8	6	...	≡°	...	...	...	...	●° early, c ≡° *a* : bc & c *p* : bc *n* :
6	A-St. : St-Cu.	—	A-St. : A-Cu.	4	1	0	8	8	10	...	≡°	...	...	...	...	b ≡° *a* : c & o *p* & *n* :
7	A-St. : St-Cu. : St.	St-Cu-lent : Fr-St.	St-Cu. : St-Cuf.	8	6	9	9	10	10	...	...	...	...	...	...	●° early, c & o, q *a*, *p* & *n* : [18h
8	St-Cu.	—	St-Cu. : St-Cuf.	1	2	0	0	4	10	⊃	...	...	...	⊃	●°	b ⊃, b *a* & *p* : bc ⊃ to o ●° *n* : ♆
9	St-Cu.	Ci-St. : Cu.	A-St. : St-Cu.	9	6	3	3	8	9	...	...	...	...	...	...	o to b *a* : b & bc *p* : c to o *n* :
10	St-Cu. : St.	St-Cu. : Fr-St.	A-Cu. : St-Cu.	9	7	8	6	8	2	...	...	...	...	...	...	c & o *a* & *p* : b & c *n* :
11	A-St. : St-Cu.	St-Cu.	St-Cu.	6	7	9	7	8	1	...	...	...	≡°	...	...	c & o *a* : c & o ≡° *p* : b *n* :
12	St-Cu.	St.	St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull throughout, gloomy at times.
13	St-Cu. : Fr-St.	Nb.	St-Cu. : St.	9	10	10	10	10	7	...	...	●°	...	...	...	o q, ●° *a* : o *p* : c *n* :
14	—	St-Cu.	St-Cu.	0	1	2	3	2	0	...	...	...	...	...	...	b ⌊ *a* : b *p* : b ⌊ *n* :
15	Ci-St.	Ci-St. : Cu.	Nb.	2	3	9	8	10	10	⌊ ≡°	⌊ ≡°	...	...	●	●	b ⌊ ≡° *a* : c to o ● q *p* : ● *n* :
16	Nb.	St-Cu.	St-Cu.	10	10	10	7	3	5	...	●°	...	...	...	...	●° to o *a* : c to b *p* : b & c *n* :
17	St.	St-Cu.	St-Cu.	10	9	9	8	10	10	...	...	...	...	...	...	o *a* : c & o q *p* & *n* :
18	Ci-Cu.:Ci-St.:St-Cu.	Ci. : St-Cu-lent.	St-Cuf.	7	7	8	7	7	0	...	...	...	...	...	...	cq *a* & *p* : cq to b *n* :
19	—	Ci.	Ci-St.	0	1	2	5	5	8	...	...	...	...	...	...	b *a* : bc *p* : b & c *n* :
20	A-Cu.	Ci. : Ci-Cu.	—	3	3	3	3	0	0	...	...	...	...	...	⊃	b & bc *a* & *p* : b ⊃ *n* :
21	—	St-Cu. : St.	—	0	2	1	6	0	0	⊃	...	...	...	...	...	Mainly fine throughout.
22	St-Cu.	St-Cuf.	St.	1	10	7	6	9	10	...	...	...	...	...	...	bq to c & o *a* : bc & c *p* : ●°, oq *n* :
23	Nb.	Cu.	—	10	10	1	1	0	0	●	●°	...	...	...	...	● q to bq *a* : bq *p* : b *n* :
24	St.	A-Cu. : St-Cu.	—	2	5	7	7	0	2	...	≡°	...	...	...	...	b & c, ≡° & ≡ *a* : c & b *p* : b *n* :
25	Cu.	A-Cu. : St-Cu.	A-Cu. : St-Cu.	1	1	6	9	9	4	...	...	...	...	...	≡°	bq, *a* : c & o *p* : bc ≡° *n* :
26	Nb.	Nb.	St-Cu.	10	10	10	10	1	2	●	●	●	●°	...	...	● & ●° *a* & *p* : b & o p ●°, b *n* :
27	Nb.	St-Cu.	St-Cu.	10	9	1	9	1	2	●°	...	...	...	...	...	● q to b *a* : o & b *p* : b *n* :
28	St.-Cu	St-Cu. : Cu-Nb.	St-Cu.	2	7	8	7	1	1	...	...	...	...	...	⌊	b to c *a* : c *p* : b & o, b ⌊ *n* :
29	A-Cu. : St-Cu.	A-Cu. : St-Cuf.	Nb.	2	1	9	10	10	10	⌊	⌊	...	...	●	●	b ⌊ to o *a* : o, ● q *p* : ● q *n* :
30	St-Cu.	A-Cu. : Cu-Nb.	A-St. : St-Cu.	2	1	2	7	4	2	...	...	...	p ⚹°	...	...	● early, b *a* : c p ⚹° *p* : b & o *n* :
31	St.-Cu	A-Cu. : Cu-Nb.	A-St. : St-Cu.	2	10	8	8	3	10	...	⚹	...	...	...	...	b & o ⚹ *a* : bc & c *p* : b & o *n* :
Mean Cloud Am'nt.				5·2	6·1	6·3	7·0	5·8	5·8							
Annual Mean Cloud Am'nt.	Cloud Forms.			6·9	6·9	7·1	7·2	6·9	6·6	Weather.						Remarks.

M.O. 289
(Eskdalemuir)

FOR OFFICIAL USE

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1924

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valencia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

ESKDALEMUIR

Published by the authority of the
METEOROLOGICAL COMMITTEE

LONDON

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

1927

ESKDALEMUIR OBSERVATORY.

Latitude	55° 19′ N.
Longitude	3° 12′ W.
G.M.T. of Local Mean Noon	12h 13m.

Heights in metres above Sea-Level.

Barometer	237·3
Rain-gauge	242·0
Dines Tube Anemograph	250

Heights in metres above ground.

Thermometer Bulbs	0·9
Sunshine Recorder	1·5
Dines Tube Anemograph	15

INTRODUCTION.

SITE.

Eskdalemuir Observatory, some $3\frac{1}{2}$ miles ($5\frac{1}{2}$ kilometres) north-north-west of Eskdalemuir Parish Church in the county of Dumfries-shire, is situated on a rising shoulder of moorland which is bounded on the east by the road which leads north to Ettrick and Selkirk, on the west by the small Davington Burn, and at the southern extremity by the small hamlet of Davington.

The hillside in the immediate vicinity of the Observatory slopes generally from the north-west to south-east. The mean height above sea level of the Observatory site is about 800 feet (244 metres). Cassock Hill, slightly more than a mile distant to the north-west, is 1,205 feet (367 metres), while the bench mark at Davington School, $\frac{1}{4}$ mile (0·4 km.) to south-east, is 699 feet (213 metres) above M.S.L. To the east the ground slopes fairly rapidly to the valley bottom, the level of the Ettrick road at a point about $\frac{1}{4}$ mile (0·4 km.) east of the Underground Magnet House being 682 feet (208 metres). The River White Esk is rather less than $\frac{1}{2}$ mile (0·8 km.) to the east. Immediately beyond the river, and almost due east of the Observatory, Dumfedling Hill rises to a height of nearly 1,200 feet (366 metres) above M.S.L. Some 4 or 5 miles (8 km.) to the north is a high ridge, following approximately the boundary between Dumfries-shire and Selkirkshire, the highest point of which is Ettrick Pen (north-north-west) 2,200 feet (670 metres) above M.S.L. Rather more than half a mile (0·8 km.) to the west, and beyond Davington Burn, the ground rises to 1,040 feet (317 m.), and reaches nearly 1,200 feet (366 m.) half a mile (0·8 km.) further on. To the south and south-south-east the Observatory commands a view of the White Esk Valley as far as Hartmanor, 4 miles ($6\frac{1}{2}$ km.) distant, and beyond that the upper slope of Cauldkine Hill, about 10 miles (16 km.) distant, is visible. The surrounding country is bare and wild and there are but few trees to relieve the monotony of the grass covered hills and moorland.

Within the Observatory grounds the soil is peaty and in many places is more or less boggy at all seasons. Some two feet, or less, below the surface a clay-like substance containing soft rock is encountered. The local geological formation is described as " rock of the Tarannon Llandovery series traversed by igneous dykes."

The selection, in the early years of the century, of this isolated site for the Observatory was dictated by the desire to reduce to a minimum the possibility of artificial magnetic disturbance due to electric traction and power circuits, and in this connection it may be noted that there is no town, industrial centre, or point of railway within a radius of 9 miles (14½ km.) from the Observatory.

Photographs, site plan, and a brief description of the Observatory will be found in the Introduction to *The Observatories' Year Book*, 1923.

METEOROLOGY.

The elements dealt with in the following tables are :—Atmospheric pressure, air temperature, humidity, rainfall, sunshine, solar radiation, wind speed and direction and minimum temperature on the grass. There is also a diary of cloud and weather.

Notes on Instruments.

Brief descriptions of the recording instruments and of the methods of tabulating the records with notes on the information contained in the Tables are given in the General Introduction to the Tables. The following particulars, which refer specially to Eskdalemuir, are to be regarded as amplifying the information contained therein. References to full accounts of other instruments used at Eskdalemuir appear below.

Pressure.—The standard mercury barometer, Kew pattern, is situated in a north window embrasure on the ground floor of the main building.

The photographic mercurial barograph, having been repaired, was brought into use again on January 4, 1924. This instrument is situated in the east room of the Underground Magnet House. The daily range of temperature to which the instrument is subject is normally less than 0·05°c, the annual range being about 4°c. The scale value of the records is 1 millimetre on the paper = 0·85 millibar, and the time scale is 9·1 millimetres on the paper = 1 hour.

As in former years, records of pressure were also obtained from (*a*) a Dines float barograph, of which a description will be found in the Introduction for 1923, and (*b*) a Richard barograph, pen recording, the records of which are changed weekly.

Temperature.—The photographic thermograph and the standard mercurial thermometers, dry bulb and wet bulb, are situated in a wooden hut, provided with louvred sides and double roof, which is some 200 feet (60 m.) north-north-east of the Main Building. The installation is similar to that described on p. 10 except that a special enclosure is provided inside the hut to accommodate the optical and photographic arrangements.

The scale values of the thermograph records are 1° absolute = 2·79 millimetres and 2·44 millimetres on the paper for the dry and wet bulb records respectively, while the time scale is 1 hour = 9·20 millimetres.

As auxiliary recorders of temperature there are, in the same louvred hut :—

(*a*) A psychrograph, pen recording, which is in effect a bimetallic spiral thermograph with two spirals, one of which is kept dry and the other wet. The records are of 24 hours' duration.

(*b*) A bimetallic spiral thermograph, of which the record is changed every week. It is described in the *Meteorological Observer's Handbook*.

Humidity.—In addition to the dry and wet bulb thermograph described above there is a Richard hair hygrograph which is situated in a Stevenson screen about midway between the louvred hut and the Main Building.

As is stated on p. 14, the records from this instrument are utilised when the wet bulb reading does not exceed 273a. On the records obtained in 1924 a change of 10 per cent. in relative humidity is represented by about 0·8 centimetre, the time scale being 1 hour = 3 millimetres.

Rainfall.—The recording instrument is a Beckley self-registering rain-gauge which is described on p. 10. The time scale of the record is 1 hour = 9·24 millimetres on the paper and the rain scale has a magnification of 3·35. The instrument has been in use at Eskdalemuir since 1908 and was originally installed at Fort William in July, 1890.

The conical part of the gauge funnel is surrounded by a cylindrical copper casing lined with asbestos on the inner side and of diameter equal to that of the funnel, viz. 11·27 inches (28·6 cm.). Within the enclosure so formed is a gas jet, and a flame of suitable dimensions is maintained, as circumstances dictate, to melt snow which may be collected.

The gauge is surrounded by a circular turf wall or dyke, the top of which is on a level with the rim of the gauge ; the external and internal diameters of the dyke being 11·5 feet (3·5 m.) and 7 feet (2 m.) respectively.

A standard 8 inch (20·3 cm.) rain-gauge is situated some 24·5 feet (7·5 m.) to the east of the Beckley gauge and is surrounded by a turf dyke of similar dimensions. Readings of amounts of rain received in the 8 inch gauge are made at 7h and 18h G.M.T. It is customary to adjust the indications of the recording gauge to agree with the readings of the standard check gauge.

Sunshine.—The record of sunshine is obtained from a Campbell-Stokes recorder described on p. 11.

The recorder is fixed on a stone pillar and has a reasonably free exposure, the chief obstacles being hills to east and west. The elevation of hills between 70° and 110° east of south varies from 2·5° to 5°, while between 50° and 135° west of south the high ground varies in elevation from 3° to 4·4°, being generally about 3·5°. As sunshine can be recorded when the sun is 3° above the horizon only in the most favourable circumstances, it appears that the loss of record occasioned by the neighbouring high ground is of relatively small extent and is confined mainly to a possible defect of record at the beginning of the day during a few weeks centred about the equinoxes.

Solar Radiation.—Measurements of the intensity of radiation received from the sun by a surface which is normal to the line drawn fron the instrument to the sun are effected by means of an Ångström compensating pyrheliometer*. The intensity of radiation is expressed in milliwatts per square centimetre (1mw. per sq. cm. = 0·01435 gramme calorie per sq. cm. per minute). In addition, the value is given of the function (p/p_0) sec Z, in which p is the barometric pressure at the observatory in millibars at the time of the observation, p_0 is 1000 millibars, and Z is the zenith distance of the sun. This affords a measure of the mass of atmosphere which the solar radiation has had to penetrate before reaching the earth. Entries in the column headed " Sky " are intended to show the presence or absence of haze, mist or cloud in the direct path of the solar radiation recorded.

Wind.—A Dines tube anemograph, furnished with direction recorder, is situated in the Main Building. The vane-head is 15 metres above a tangent plane to the slope of the hillside and approximately 7 metres above the general level of the roof of the building. A description of the speed recorder will be found on p. 12.

The records of speed and direction are obtained on the same chart. The recorder in use throughout 1924 was provided with a Munro-Rooker single-pen direction recorder. In this arrangement the lower end of a long vertical rod, rigidly attached at its upper end to the freely moving vane, is connected to the vertical axle of a short solid brass cylinder which consequently rotates with the vane. In the curved surface of the cylinder is cut a helical channel in which runs a short roller projecting from

* For description see *The Observer's Handbook*, 1921, Ed., Meteorological Office, London ; *Astrophysical Journal*, Vol. IX, 1899 ; *Actes de la société royale des Sciences d'Upsal*, 1893 ; also *Geophysical Memoirs*, No. 21 (1923), Meteorological Office, London.

the side of a pivoted pen arm. The helix forms a nearly complete turn, and the upper and lower ends are connected by a steep cam. As the recording pen reaches the upper North line on the chart it is rapidly forced by the connecting cam to the bottom North line, or conversely if the wind direction is changing from east of north to west of north. For some years prior to the introduction, in June, 1922, of the Munro-Rooker recorder a Dines twin-pen recorder was in use.

Apart from the surrounding hills, the exposure of the vane-head is tolerably free in all directions save to the west where at a distance of some 130 feet (40m.) is a rather large building, of which the height is somewhat greater than that of the Main Building. With winds from nearly due west the direction records show markedly greater turbulence than with other winds.

Minimum Temperature on the Grass.—The thermometer used for readings of grass minimum temperature is of the spirit type with index; and when exposed, between 18h and 7h G.M.T., is supported at a height of one or two inches (4 cm.) above close-cropped grass a few metres from the louvred thermometer hut.

Identification Numbers of Instruments in use in 1924.

Standard Kew pattern Barometer	M.O.	1320
Standard Dry Bulb Thermometer	M.O.	19123
Standard Wet Bulb Thermometer	M.O.	1695
Hair Hygrograph	M.O.	59
Recording Beckley Raingauge		4
Control Raingauge	M.O.	391
,, ,, glass for	M.O.	1354
Campbell Stokes Sunshine Recorder	M.O.	99
Ångström compensating Pyrheliometer		116
Dines Tube Anemograph	M.O.	1015
Grass Minimum Thermometer	M.O.	13

Notes on Results.

Diurnal Variation of Atmospheric Pressure. The values of the mean diurnal inequalities for the months and the year, 1924, are given in Table 124, p. 121. The range of the regular diurnal variation is comparatively high in February, May, September, and low in July, in which month the afternoon minimum and evening maximum were poorly developed. In January, September, October the forenoon maximum is greater than that of the evening, while in February (as also in 1922, 1923), March, May the forenoon maximum is rather unusually small in comparison with the evening maximum. The principal minimum occurs in the early morning in all months with the exception of March, April, August and November, and is very prominent in May, September and December. The inequalities for January and November are fairly close in type to the normal inequalities (1911–20), although in the latter month the afternoon minimum and the evening maximum are somewhat more pronounced than in the normal type.

The results of the harmonic analysis of the monthly and seasonal mean diurnal inequalities for 1924 are given in the accompanying table. For purposes of comparison the corresponding data (†) derived from the mean inequalities for the period 1911–20 are also given. In computing the Fourier co-efficients for the individual months of 1924 the unit employed was ·01 mb; but for the seasons and the year the inequalities were taken to ·001 mb, and in these cases the values of c_1 etc. are given to three decimal places. The phase angles α_1 etc. given in the table below

(†) "On the Diurnal Variation of Atmospheric Pressure at Eskdalemuir and Castle O'er, Dumfriesshire," by A. Crichton Mitchell, D.Sc., *Quarterly Journal of the Royal Meteorological Society*, Vol. L., No. 210, April, 1924.

refer to Local Mean Time, whereas in the corresponding tables for 1922 and 1923 the phase angles refer to Greenwich Mean Time.

The difference between the extreme monthly values of c_1 is less than for 1923, but there is considerable irregular variation in the values of c_1 and α_1. The values of c_2 for April and July stand out as being low in comparison with the normal values, while the November value of c_2 is high. The steadiness in phase of the 12-hour term throughout the year is well shown by the 1924 results, and the values of α_2 for the seasons approach more closely to the normals than do those for 1923. In the 8-hour term the largest amplitudes occur in the four winter months, and there is a marked change in phase near the equinoxes. The effect of this is seen in the small value of c_3 for the equinox. The values of α_3 are fairly similar to the normal values, the greatest divergence occurring in September. There is a tolerably close resemblance between the seasonal values of c_4 and α_4 for 1924 and those for the period 1911–20.

Harmonic Coefficients of the Diurnal Inequality of Atmospheric Pressure—Eskdalemuir.

Values of c_n, αn in the series $\Sigma c_n \sin(15nt^0 + \alpha n)$, t being Local Mean Time reckoned in hours from midnight.

Month and Season.	c_1		α_1		c_2		α_2		c_3		α_3		c_3		α_4	
	1924.	1911–20.	1924.	1911–20.	1924.	1911–20.	1924.	1911–20.	1924.	1911–20.	1924.	1911–20.	1924.	1911–20.	1924.	1911–20.
	mb.	mb.	°	°	mb.	mb.	°	°	mb.	mb.	°	°	mb.	mb.	°	°
Jan. ...	·09	·094	117	346·4	·21	·235	141	151·6	·12	·125	344	345·3	·05	·046	230	213·9
Feb. ...	·39	·118	133	215·1	·29	·273	147	138·1	·13	·083	330	341·2	·03	·042	92	67·7
Mar. ...	·29	·128	100	185·3	·30	·304	143	145·3	·06	·053	327	335·0	·05	·051	22	24·5
Apr. ...	·18	·205	29	92·3	·24	·299	150	154·8	·09	·022	121	156·3	·03	·045	26	355·7
May ...	·29	·225	160	52·7	·25	·270	145	147·4	·08	·075	145	160·1	·03	·035	358	330·1
June ...	·13	·152	139	53·9	·22	·234	150	146·1	·08	·084	144	160·6	·03	·018	346	325·7
July ...	·07	·171	235	69·4	·15	·211	152	141·2	·05	·077	151	155·8	·03	·023	308	300·0
Aug. ...	·22	·114	78	114·6	·25	·239	149	147·7	·06	·057	173	157·2	·04	·047	331	330·8
Sept. ...	·31	·121	230	87·7	·33	·313	147	151·6	·05	·012	44	110·7	·04	·050	2	344·7
Oct. ...	·25	·110	291	76·0	·30	·315	163	159·5	·04	·060	24	8·2	·03	·041	4	32·9
Nov. ...	·19	·125	91	183·5	·35	·242	155	168·1	·10	·101	8	9·2	·01	·015	202	146·2
Dec. ...	·28	·137	188	97·1	·21	·213	143	146·9	·12	·124	341	4·2	·04	·067	240	212·8
Arithmetic mean	·22	·142	...	...	·26	·262	...	...	·08	·073	...	...	·03	·040	...	...
Year ...	·100	·085	138	90·8	·257	·260	149	150·1	·026	·020	2	41·7	·018	·016	340	341·9
Winter ...	·196	·038	139	165·4	·263	·236	147	150·9	·116	·106	344	355·5	·020	·023	196	189·1
Equinox ...	·020	·108	328	103·9	·291	·306	151	152·8	·023	·021	12	4·4	·039	·044	11	8·9
Summer ...	·123	·153	137	67·2	·294	·238	149	145·8	·064	·074	152	158·5	·031	·030	335	324·3

Note.—*Winter* comprises the four months January, February, November, December.
Equinox the months March, April, September, October.
Summer the months May to August.

ATMOSPHERIC ELECTRICITY.

Notes on the Instruments.

Autographic records of atmospheric electrical potential gradient were obtained by means of an electrograph of the Kelvin water-dropper type, the potential at the water-jet being registered by a Dolezalek quadrant electrometer. In all essential details the electrograph arrangements, the method of making scale and insulation tests and the method of reducing the autographic curve readings to potential gradient in the open were as described in the *Observatories' Year Book*, 1922, pp. 75–76.

* "On the Diurnal Variation of Atmospheric Pressure at Eskdalemuir and Castle O'er, Dumfriesshire," by A Crichton Mitchell, D.Sc., *Quarterly Journal of the Royal Meteorological Society*, Vol. L., No. 210, April, 1924.

With a view to increasing the sensitiveness of the electrograph record, a new suspension was fitted to the needle of the Dolezalek electrometer at the end of January 1924. During the remainder of the year no further change was made in the instrumental arrangements and the scale value of the records remained at about 6 volts per millimetre.

A statement is necessary in respect of the instrument on the readings of which the values of potential gradient are based. Since 1911 a particular Wulf quartz-thread electrometer has been used in the determination of scale values of the photographic records of the potential at the water jet and in the absolute observation of potential in the open. This instrument was calibrated in 1911 by the makers and also at the National Physical Laboratory. In 1916, comparison of the Wulf electrometer with a Kelvin multicellular electrometer belonging to the Observatory resulted in a slight modification of the original calibration of the former instrument over the range 0 to 300 volts. In June, 1924, a few comparison readings were taken, in rather unfavourable circumstances, between the Wulf and the Kelvin instruments, the latter having been recently reconditioned by the makers. It was found that, according to the 1916 calibration, the Wulf instrument reading exceeded the Kelvin reading by approximately 8 volts at 140 volts. The Wulf electrometer was absent from the Observatory during the first two weeks of August, 1924. On return of this instrument it was found that the discrepancy between its indications, according to the 1916 calibration, and those of the Kelvin instrument was less than in June ; the excess of the Wulf readings being approximately 2 volts at 140 volts. Also, the electrograph scale value obtained in August, after the return of the Wulf instrument was nearly 5 per cent. less than that obtained in July before the Wulf instrument was sent away. In the interval no change had been made in the Dolezalek electrometer or in the recording arrangements, and there is, therefore, no reason to suppose that the true scale value of the electrograph should alter during the first two weeks of August. As it happens, there were a number of occasions in July and in the second half of August when the voltage applied in electrograph scale tests was very nearly 140. On recomputation of the scale values for these occasions, i.e., applying corrections of -8 and -2 volts to the Wulf voltages in July and August, respectively, the resultant mean scale values for the two months are found to agree to within 1 per cent. It is concluded that, although the 1916 calibration of the Wulf instrument was in error, relative to the Kelvin instrument, both before and after the first half of August, the Wulf instrument had changed as a result of transportation effects during the period of absence from the Observatory. In March and April, 1925, further comparisons between the Wulf and Kelvin instruments were made, employing a battery of dry cells. A calibration of the Wulf instrument based on these comparisons has been used in deriving the electrograph scale values and for reducing the absolute observations of potential in the open throughout the period August 16th to December 31st, 1924. It has been assumed that the electrograph scale value for July was in fact the same as the August value based on the new calibration of the Wulf instrument. This involved a reduction in the originally derived July value from 6·57 to 6·16 volts per millimetre. The final scale values for the earlier months were obtained by reducing the originally derived values in the same ratio. With regard to the electrograph reduction factor, as the Wulf electrometer is used in both scale tests and in observations of potential in the open, the values obtained for the reduction factor are unaffected by the use of the faulty calibration, assuming the error of the 1916 calibration to be proportional to the potential. The factor values adopted for January to July are those which were originally derived.

As it is not possible to say when the behaviour of the Wulf instrument ceased to be in close agreement with the 1916 calibration, it must suffice to point out that in all probability the change in the instrument did not occur in 1924, and, therefore, that there is a discontinuity between the 1924 and the 1923 results.

IDENTIFICATION NUMBERS OF INSTRUMENTS USED IN 1924.

Wulf bifilar electrometer	3040
Kelvin Multicellular voltmeter	3180

Notes on the Tables and Results.

Table 208 contains the values of electrical potential gradient at 3h, 9h, 15h and 21h G.M.T. daily, the value for a given hour representing the mean for the period of 60 minutes centring at that hour. The reduction factors used in converting the potential at the water jet to potential gradient, in volts per metre, in the open are also given.

As far as possible an electrical character figure is assigned to each day and values of potential gradient are assigned for 3h, 9h, 15h and 21h G.M.T. on all days, while values for all hours are assigned on days classified as 0*a*, 1*a* or 2*a*. The character figures are given in Table 210A, the significance of these symbols being as follows :—

0, denotes a day during which from midnight to midnight no negative potential was recorded.

1, denotes one or more excursions of limited duration to the negative side of the scale during the same period.

2, denotes negative potential extending in the aggregate over three hours or more during the same period.

a, denotes that within the 25 periods of 60 minutes for which an estimate of the mean potential gradient has to be made in the process of tabulation there was in no case a range of potential gradient in the open exceeding 1,000 volts.

b, denotes that, during the same period, a range of 1,000 volts or more was reached in one hour at least but in fewer than six hours.

c, denotes that, during the same period, a range of 1,000 volts or more was reached in at least six hours.

In Table 209 are given, for 0*a* days, (1) the mean diurnal inequalities for the months, seasons and year, (2) particulars of the number of days and of the non-cyclic changes and (3) the corresponding mean values of potential gradient. The inequalities or the mean values for the year and seasons are the means of the inequalities or means, respectively, for the appropriate months.

It should be noted that, in these tables, *Winter* denotes the four months January, February, November, December ; *Equinox* the four months March, April, September, October ; and *Summer* the four months May to August.

Corresponding data for 1*a* and 2*a* days combined appear in Table 210.

Contrary to the practice followed in former years* the mean values of potential gradient given in Table 208 are of two kinds, viz., (*a*) the means of all the positive values of potential in the column and (*b*) the algebraic mean derived from all days on which all four hours were represented. The mean values for the month, as derived from the (*a*) and (*b*) values respectively, are shown in the last line, and the means for the year are given at the foot of the December table. It is to be expected that the mean derived from the values at 3h, 9h, 15h and 21h, on a sufficiently large number of days will approximate closely to the mean value derived from all hourly values of all the days. As might have been anticipated the (*a*) mean exceeds the (*b*) mean in each month of the year. Moreover, in each month, with the exception of February, the mean for 0*a* days exceeds the corresponding (*a*) mean. For the whole year, 1924, the mean from 0*a* days was 236 v/m, that from positive values at 3h, 9h, 15h and 21h was 214 v/m, while that from the complete days of Table 194 was 157 v/m. In nine months the (*a*) mean is less than the corresponding value for 1923 ; and the annual mean is less than that for 1923 by 21 v/m, an amount which exceeds the possible discrepancy, due to circumstances mentioned above, between the results for the two years.

* *i.e.* Prior to 1923.

The following were the more noteworthy occasions when for several hours the potential remained continuously negative, excepting for a few small excursions to the positive side on three of the occasions :—

(i) January 13d 0h 30m to 13d 10h 30m, and from 13h to 19h 30m.
(ii) April 27d 17h to 28d 4h, during a few hours of which the potential was less than—2,000 v/m.
(iii) May 6d 21h to 7d 7h, during three or four hours of which the potential was very considerably less than—2,000 v/m.
(iv) May 9d 22h to 10d 9h, during part of which the potential was below —1,000 v/m.
(v) From December 29d 16h to 29d 20h potential was mainly negative but with some intervals of small positive excursions ; and then from 29d 20h to 30d 4h the potential was continuously negative and for a large part of the time below—700 v/m.

The value of the mean potential gradient on 0*a* days for 1924 is about 10 per cent. less than the mean value for 1913–23. This is largely due to the comparatively low values in the four winter months of 1924, the value for February being particularly low. The mean diurnal inequalities on 0*a* days for the year and the seasons show a fairly close resemblance to the corresponding normals for the years 1913–23. In the mean diurnal inequality for summer the minimum occurs later than usual, this being due, apparently, to the inequalities for June and May, the latter month being represented by only one day. Of the winter months, the inequalities for February and December show many irregularities, but in each of the four months the principal minimum occurs in the forenoon. The inequality for September is of a type somewhat unusual for that month, but there were only four 0*a* days, and a large non-cyclic correction was involved.

TERRESTRIAL MAGNETISM.

Notes on the Instruments.*

The magnetographs in use are situated in the east chamber of the Underground Magnet House and are arranged so as to record changes of the three geographical components of terrestrial magnetic force, viz., the north component, N (or + X), west component, W (or — Y), and the vertically downward component, V (or + Z).

The diurnal range of temperature in the east chamber of the magnet house is normally negligible. Temperature is ascertained daily at 9h 30m by the thermometers within the instrument cases. The daily values appear in Tables 214, 218, etc. ; the monthly means of the readings so obtained during 1924, together with the mean values for the years 1911–23, were as follow :—

Excess of Mean Temperatature above 280a.

Month.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Mean 1924	4·4	4·1	3·8	3·6	4·0	4·8	5·9	6·7	7·4	7·2	6·7	6·0
Mean 1911–23	3·5	2·9	2·5	2·3	2·6	3·5	4·5	5·5	6·3	6·2	5·5	4·5

The annual range of temperature during 1924 was 3·9° C., the mean range for the previous twelve years being 4·3° C.

* For more detailed accounts of the magnetographs, absolute instruments, and normal methods of procedure, see *The Observatories' Year Book*, 1922, pp. 77 *et seq.*

The north and west component instruments are of the bifilar type, by Adie. In each of these instruments the torsion of a bifilar suspension, of fine tungsten-steel wire, is utilised to bring the magnet into an azimuth approximately perpendicular to the direction of the component of which the changes are recorded. The instrument for the vertical component is a multiple magnet balance designed by the late Professor W. Watson, F.R.S. No adjustments to this instrument were made in 1924.

As a result of an adjustment made to the west instrument on August 30, 1923, the magnet was displaced in azimuth between 9° and 10° east of north. Most unfortunately this was not detected until the end of 1924 when it was found that the suspended magnet was inclined at 9°·7 east of north. Thus, from 1923 August 30th until the end of 1924 the records obtained from the west magnetograph were not simply of changes in W, but of changes in the component W′, which is given by $W' = W \cos \alpha + N \sin \alpha$; α being the inclination, measured from north through east, of the magnet to the geographical meridian. The gradual easterly drift of the magnet amounted to about 15′ between September, 1923, and December, 1924, and therefore the value of α for the period January 1st to December 31st, 1924, has been taken as 9° 35′. The methods which have been adopted to allow for the consequences of this error in azimuth of the west magnet are described at the end of the present section.

The constants of the magnetographs were as follow :—

	North.	West.	Vertical.
Time Scale .. .. 1 hour =	15·5 mm.	15·5 mm.	15·5 mm.
Time marks	Every two hours, beginning at exact hour.		
Error of time mark	Not more than ± 1 min.		
Period of vibration, seconds	14·0	(11·0)	7·4
Logarithmic decrement*	·369	(·639)	—
Angular equivalent of 1 mm. on paper, radians ..	·00032	·00032	·0003
Twist of bifilar suspension	60°	(90°±5°)	—
Ratio $\frac{\text{length of bifilar suspension}}{\text{mean breadth of suspension}}$	66	(100)	—
Temperature coefficient, per 1° C.	−9 γ	−2 γ	+26 γ
Direction of marked pole	West.	North.	—
Azimuth of magnet	270° 28′	9° 35′	346°

* Log. decr. $= \text{Log}_e a_n - \log_e a_{n+1}$; where a_n, a_{n+1} are the amplitudes of two successive swings on the same side of the zero position.

For reasons given above, some uncertainty attaches to the bracketed constants in the above table.

The scale values of the magnetographs were determined at intervals of two weeks. In the following table are given the scale values, obtained by overlapping means, which were employed in reducing the curve readings. The values given for the west instrument are the scale values of the record of component W′, and have been obtained by multiplying by cos 9° 35′ the scale values which were derived in the usual way and in the belief that the azimuth of the magnet was correct.

SCALE VALUES OF THE MAGNETOGRAPHS (γ per mm. on the paper).

Month.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
North Instrument ..	4·86	4·87	4·87	4·86	4·87	4·87	4·85	4·84	4·85	4·87	4·86	4·85
West Instrument ..	5·28	5·28	5·30	5·31	5·31	5·29	5·26	5·25	5·28	5·29	5·29	5·29 / 6·59*
Vertical Instrument ..	4·13	4·08	4·09	4·10	4·11	4·12	4·11	4·11	4·14	4·15	4·13	4·12

* 6·59 after December 31d 17h. (*see* p. 96).

Absolute observations of horizontal force, declination, and inclination were taken, usually twice weekly, in the east magnetic hut. Declination and horizontal intensity were determined by means of the Kew pattern unifilar magnetometer, placed on Pier No. 5, and determinations of inclination (dip) were made with the Schulze Inductor, placed on Pier No. 6. In the deflection experiment of the horizontal intensity determination observations were made for three distances of the collimator magnet, viz. 25, 30, 35 cm.

For 1924, the procedure in respect of the P and Q correction, $\log_{10}(1+P/25^2+Q/25^4)$ which is used in the reduction of the horizontal intensity observations, differed from that which had been followed from the latter part of 1913 until 1923. Throughout the period named the value of the correction adopted for a given month was the mean derived from the observations obtained during the seven months including the given month as fourth of the seven. The monthly values so derived show considerable fluctuations, and it is improbable that P and Q actually varied to the extent implied. It was decided to use throughout 1924 a value based on the observations during the years 1917–24. From the values of m/H for the three deflection distances, during each of these years, a mean value of $\log_{10}(1+P/25^2+Q/25^4)$ was computed and the mean of the eight values so obtained was used in reducing the 1924 observations. The values of P, Q, and $\log_{10}(1+P/25^2+Q/25^4)$ are as follows :—

Year.	P.	Q.	$\log_{10}(1+P/25^2+Q/25^4)$.
1917	+6·862	+418·9	·00520
1918	+7·604	+ 68·6	·00533
1919	+9·126	−603·5	·00563
1920	+8·224	−216·6	·00544
1921	+7·978	+ 25·3	·00554
1922	+6·607	+513·1	·00513
1923	+6·371	+614·3	·00508
1924	+7·899	−128·6	·00531

The mean value of $\log_{10}(1+P/25^2+Q/25^4)$ for 1917–23 is ·00534; for 1917–24, is ·00533. A variation of ·00020 in the value of the logarithm corresponds with a variation of about 4 γ in the derived value of H.

The base line values of the magnetograph records are deduced from the results of the absolute observations, any of the latter obtained during times of considerable disturbance being excluded. The base line values finally adopted are obtained from a curve drawn smoothly through points given by the deduced values.

The results of the absolute determinations of D, I and H are summarised in the subjoined table, and the values of m, the moment of collimator magnet 60a, are also given. For each set of absolute observations are shown the deduced base line values of N, W, and V and, in brackets, the adopted base line values. Thus, the entry 15823 (18) signifies :—deduced base line value 15823, adopted base line value 15818. The adopted values were obtained as described in the foregoing, and therefore the base line values corresponding to dates between those given in the table may be obtained by interpolation. The entries in the column headed " West " are the base line values of the component W'. (see above).

Absolute Determinations of D, I and H, and Base Line Values of N, W, and V.

Eskdalemuir: **1924:**

Date.	Declination.			Inclination.		Horizontal Force.			Base Line Values (deduced and adopted).		
	Mean Time.	D.		Mean Time.	I.	Mean Time.	H.	*m.*	North.	West.	Vertical.
	h m	° ′ ″		h m	° ′	h m	γ		15,000 γ +	6,000 γ +	44,000 γ +
Jan. 4	14 23	16 7 54		12 53	69 38·9	11 30	16665	906·4	811 (16)	962 (68)	817 (36)
8	14 19	16 7 47		12 53	69 38·3	—	—	—	821 (15)	968 (67)	846 (37)
11	14 17	16 7 23		12 41	69 39·1	11 27	16674	907·0	822 (15)	966 (67)	852 (37)
16	14 19	16 9 20		12 29	69 39·1	11 51	16666	907·3	814 (14)	966 (66)	851 (38)
18	14 27	16 9 8		12 13	69 39·6	11 35	16662	906·7	806 (13)	965 (66)	823 (38)
25	14 21	16 10 5		12 29	69 39·8	11 40	16672	907·0	813 (12)	966 (66)	847 (38)
28	—	—		12 14	69 38·8	—	—	—	—	—	838 (38)
29	14 29	16 18 15		12 19	69 40·4	11 39	16681	907·1	809 (12)	965 (66)	836 (38)
Feb. 1	14 33	16 9 25		12 15	69 40·0	11 33	16652	906·9	803 (11)	968 (66)	822 (39)
5	14 27	16 10 3		12 21	69 38·5	11 43	16667	906·6	812 (11)	965 (66)	850 (40)
6	—	—		12 17	69 40·3	—	—	—	—	—	835 (40)
7	—	—		14 40	69 39·9	—	—	—	—	—	824 (40)
8	14 34	16 8 25		11 47	69 39·5	11 7	16664	906·8	807 (11)	964 (66)	841 (41)
12	14 53	16 8 43		12 24	69 38·5	11 43	16670	906·3	807 (10)	964 (66)	826 (42)
15	14 57	16 7 43		12 20	69 39·0	11 40	16679	906·7	813 (10)	968 (66)	844 (42)
22	12 11	16 7 7		11 54	69 39·8	11 15	16647	906·3	818 (10)	963 (66)	859 (45)
29	14 37	16 7 26		12 24	69 39·3	11 45	16670	906·7	809 (09)	968 (65)	853 (46)
Mar. 4	14 35	16 8 38		12 5	69 39·4	11 24	16674	907·2	811 (09)	968 (65)	853 (47)
7	—	—		11 18	69 39·0	—	—	—	—	—	845 (48)
10	—	—		14 30	69 40·0	—	—	—	—	—	883 (48)
11	14 51	16 9 23		12 23	69 39·6	11 47	16675	906·1	813 (09)	966 (65)	872 (48)
14	14 15	16 9 20		11 29	69 40·0	10 55	16670	906·4	806 (09)	964 (64)	885 (49)
18	14 33	16 9 43		14 18	69 39·3	12 15	16666	906·9	808 (09)	964 (64)	858 (49)
21	14 33	16 7 33		12 13	69 40·1	11 33	16676	907·0	823 (09)	959 (64)	880 (50)
26	15 15	16 8 58		—	—	12 5	16673	907·6	813 (10)	964 (63)	—
28	15 19	16 6 13		12 23	69 39·1	11 45	16671	906·6	805 (10)	958 (63)	829 (50)
Apr. 1	14 55	16 8 23		12 20	69 39·4	11 41	16668	907·2	806 (10)	959 (63)	828 (50)
4	14 27	16 7 56		12 14	69 38·9	11 35	16678	907·1	812 (10)	961 (63)	846 (49)
8	14 51	16 8 10		12 6	69 39·3	11 26	16679	907·0	812 (10)	962 (63)	859 (49)
11	15 35	16 7 3		12 11	69 39·2	11 31	16681	906·7	807 (11)	965 (63)	829 (49)
15	14 23	16 7 13		12 36	69 39·2	11 57	16677	906·8	815 (11)	962 (63)	862 (48)
17	14 57	16 9 30		11 22	69 39·7	10 47	16681	906·4	813 (11)	968 (63)	842 (48)
25	13 47	16 5 25		11 33	69 39·3	10 54	16657	907·6	810 (12)	957 (63)	837 (47)
29	14 22	16 8 5		11 31	69 38·9	10 53	16674	906·9	813 (13)	963 (63)	852 (46)
May 2	14 30	16 5 14		11 12	69 39·0	10 32	16682	907·1	820 (13)	962 (63)	855 (46)
6	14 9	16 7 3		13 53	69 38·2	11 7	16677	907·1	821 (14)	966 (63)	864 (44)
9	14 21	16 8 8		11 27	69 38·2	10 49	16692	906·6	823 (14)	966 (63)	848 (43)
13	14 11	16 3 45		11 41	69 38·1	11 3	16679	906·9	813 (14)	960 (64)	837 (42)
16	13 59	16 6 4		11 27	69 37·9	10 49	16667	906·4	809 (15)	962 (64)	815 (41)
20	14 29	16 8 58		11 33	69 40·1	10 54	16686	906·7	815 (15)	962 (64)	838 (39)
22	10 17	16 7 5		—	—	—	—	—	813 (15)	967 (64)	—
27	13 59	16 8 34		11 24	69 38·7	10 45	16662	906·8	815 (16)	965 (64)	837 (36)
30	11 23	16 6 48		11 5	69 38·3	10 27	16667	906·7	812 (17)	962 (64)	821 (34)
June 3	13 43	16 7 39		13 26	69 38·9	11 3	16667	907·0	821 (17)	968 (64)	841 (32)
6	13 43	16 7 11		13 29	69 38·9	11 3	16667	906·3	817 (18)	965 (64)	844 (30)
13	14 1	16 5 8		13 35	69 39·4	11 19	16644	906·6	803 (19)	962 (65)	789 (826)
17	13 29	16 8 28		11 53	69 39·5	10 45	16647	906·7	817 (20)	966 (65)	808 (24)
24	14 1	16 5 23		13 35	69 37·9	10 51	16677	906·5	819 (21)	964 (65)	804 (21)
27	14 9	16 6 3		13 43	69 36·7	10 56	16689	906·9	818 (22)	963 (65)	796 (820)
30	—	—		14 11	69 39·0	—	—	—	—	—	796 (820)

ABSOLUTE DETERMINATIONS—*continued.*

Date.	Declination.				Inclination.			Horizontal Force.			Base Line Values (deduced and adopted).		
	Mean Time.	D.			Mean Time.	I.		Mean Time.	H.	*m.*	North.	West.	Vertical.
	h m	°	′	″	h m	°	′	h m	γ		15,000 γ +	6,000 γ +	44,000 γ +
July 1	13 39	16	7	13	11 34	69	38·7	11 25	16672	906·6	820 (23)	962 (65)	778 (819)
2	—		—		15 0	69	37·1	—	—	—	—	—	799 (819)
3	—		—		13 37	69	38·1	—	—	—	—	—	784 (818)
4	13 39	16	7	20	11 48	69	38·9	11 10	16692	906·5	837 (24)	967 (66)	851 (18)
4	—		—		15 27	69	37·0	—	—	—	—	—	839 (18)
8	—		—		15 43	69	37·7	—	—	—	—	—	813 (18)
10	13 39	16	2	48	11 23	69	41·4	10 47	16669	906·5	822 (25)	963 (66)	821 (17)
15	14 11	16	5	30	11 38	69	40·6	10 59	16702	906·6	839 (27)	968 (67)	873 (16)
18	13 35	16	7	13	11 32	69	39·8	10 53	16671	906·6	839 (28)	970 (67)	847 (14)
22	14 3	16	5	3	11 29	69	40·2	10 49	16664	906·5	828 (29)	971 (68)	809 (14)
25	13 35	16	7	38	11 6	69	39·2	10 28	16702	906·3	832 (30)	971 (69)	829 (13)
Aug. 1	13 57	16	8	40	11 25	69	40·2	10 45	16676	906·5	838 (32)	975 (70)	827 (12)
5	13 53	16	8	2	11 25	69	39·6	10 45	16672	906·8	835 (34)	974 (71)	805 (12)
8	—		—		11 35	69	40·2	—	—	—	—	—	803 (11)
12	14 55	16	1	37	11 34	69	39·0	10 56	16679	906·8	833 (37)	969 (72)	796 (811)
15	14 1	16	4	3	11 26	69	40·1	10 47	16675	906·9	840 (38)	967 (72)	823 (10)
19	13 53	16	4	8	11 21	69	40·4	10 41	16671	907·1	845 (39)	976 (72)	818 (10)
22	14 57	16	5	40	11 23	69	40·3	10 47	16671	906·3	828 (40)	967 (73)	774 (809)
26	14 5	16	3	0	11 26	69	39·3	10 45	16687	907·4	842 (41)	976 (73)	828 (09)
29	13 59	16	8	44	11 28	69	40·1	10 49	16693	905·9	846 (42)	978 (73)	835 (08)
Sept. 1	—		—		11 53	69	39·5	—	—	—	—	—	767 (808)
2	14 19	16	7	13	11 41	69	41·1	10 55	16655	905·8	827 (43)	970 (73)	775 (808)
3	—		—		11 51	69	40·2	—	—	—	—	—	761 (808)
3	—		—		13 58	69	39·1	—	—	—	—	—	763 (808)
4	—		—		9 33	69	39·5	—	—	—	—	—	759 (807)
5	14 5	16	5	0	14 43	69	39·2	10 46	16665	906·2	831 (43)	965 (72)	805 (07)
9	14 19	16	4	40	13 55	69	39·2	10 39	16678	905·8	841 (43)	975 (72)	790 (806)
10	—		—		8 55	69	40·4	—	—	—	—	—	797 (806)
11	—		—		14 57	69	38·8	—	—	—	—	—	828 (06)
12	14 45	16	1	18	14 22	69	38·9	10 39	16666	905·7	832 (43)	974 (72)	774 (806)
16	14 3	16	7	5	13 37	69	38·3	10 36	16681	906·3	830 (43)	969 (71)	781 (805)
19	14 27	16	4	23	15 30	69	38·5	9 49	16664	906·1	826 (43)	967 (71)	760 (804)
23	—		—		11 53	69	40·5	11 0	16623	905·9	833 (43)	965 (71)	788 (804)
24	11 9	15	58	38	—	—		—	—	—	—	—	—
26	15 13	16	3	38	11 55	69	39·9	11 1	16656	907·5	836 (42)	970 (70)	795 (803)
30	15 15	15	59	48	12 5	69	40·4	12 7	16671	906·5	842 (42)	969 (70)	812 (02)
Oct. 3	14 56	16	2	28	11 27	69	40·9	10 36	16672	906·5	835 (41)	972 (71)	811 (02)
7	14 57	16	5	8	11 55	69	39·4	10 57	16660	906·5	832 (40)	968 (71)	777 (802)
10	14 53	15	59	59	11 43	69	40·3	10 53	16678	906·6	843 (40)	968 (71)	811 (02)
14	15 5	16	0	45	11 55	69	40·4	11 1	16689	906·4	850 (39)	974 (71)	835 (02)
17	15 19	15	59	20	11 55	69	40·2	11 5	16671	906·5	836 (38)	965 (71)	800 (02)
22	15 13	15	58	35	11 43	69	40·3	11 0	16667	906·5	840 (37)	970 (69)	814 (02)
23	14 17	16	0	43	11 50	69	40·2	10 57	16649	906·7	829 (37)	967 (69)	777 (802)
29	14 25	15	59	48	12 7	69	39·4	11 16	16646	905·7	817 (35)	961 (69)	742 (802)
31	14 33	15	59	33	11 33	69	39·4	10 43	16671	906·3	829 35)	967 (69)	784 (802)
Nov. 4	14 35	15	57	46	12 15	69	39·4	11 20	16666	906·5	831 (34)	970 (69)	795 (802)
7	14 27	15	58	35	12 22	69	39·3	11 32	16667	906·6	836 (33)	969 (68)	819 (02)
11	14 29	15	58	15	11 57	69	39·1	11 5	16672	906·5	839 (32)	971 (68)	785 (802)
14	14 45	15	58	53	11 27	69	38·8	10 38	16665	906·3	832 (31)	969 (68)	771 (802)
18	14 17	15	58	12	12 0	69	39·4	11 7	16664	906·4	823 (30)	966 (67)	787 (802)
21	14 31	15	57	45	11 59	69	39·0	11 7	16671	906·5	826 (30)	965 (67)	773 (803)
25	14 23	15	58	18	12 13	69	40·8	11 14	16651	906·3	824 (29)	966 (67)	791 (804)
28	14 15	15	57	43	12 15	69	39·2	11 25	16676	906·7	824 (28)	965 (66)	811 (04)

ABSOLUTE DETERMINATIONS—*continued.*

Date.		Declination.		Inclination.		Horizontal Force.			Base Line Values (deduced and adopted).		
		Mean Time.	D.	Mean Time.	I.	Mean Time.	H.	*m.*	North.	West.	Vertical.
		h m	° ′ ″	h m	° ′	h m	γ		15,000 γ +	6,000 γ +	44,000 γ +
Dec.	3	14 29	15 55 35	10 59	69 39·0	11 51	16662	906·7	823 (27)	965 (65)	796 (805)
	5	—	—	11 7	69 38·9	11 49	16595	906·1	823 (27)	964 (65)	800 (06)
	6	10 23	15 55 46	—	—	—	—	—	—	—	—
	9	14 39	15 56 38	11 35	69 39·4	12 15	16672	905·9	826 (26)	962 (65)	815 (06)
	16	14 25	15 56 0	12 26	69 39·1	11 33	16665	906·6	822 (24)	959 (64)	791 (809)
	19	14 25	15 57 14	—	—	11 33	16668	906·6	825 (23)	964 (63)	—
	23	14 53	15 55 35	12 27	69 39·1	11 33	16657	905·4	819 (22)	961 (62)	759 (811)
	27	11 37	15 55 50	10 18	69 38·7	10 56	16661	906·7	828 (22)	964 (62)	827 (14)
	30	15 28	15 54 45	—	—	14 15	16668	906·4	825 (21)	964 (62)	—

The hourly readings are obtained from the magnetograms, standardised as described in the foregoing, by means of a ruled glass scale. The reading for any given hour G.M.T. is that ordinate estimated to be the mean reading for 60-minutes centring at the given hour. The product of this ordinate and the scale value is added to the adopted base line value, and the sum so obtained is the hourly value printed in the tables.

In consequence of the error in the azimuth of the " west " magnet during 1924, it has been necessary to introduce modifications in certain parts of the normal procedure described above. In calculating all base line values, allowance was made for the circumstance that W′, and not W, was recorded. Hourly values of W′ were tabulated, and from each such hourly value and the corresponding hourly value of N the hourly value of W was deduced, using the relation $W = W' \sec \alpha - N \tan \alpha$, i.e., $W = 1{\cdot}01415\ W' - 0{\cdot}16884\ N$. So far as the actual hourly values are concerned, it has been possible to eliminate in this way the effects due to the displacement of the " west " magnet, and the results published may be regarded as of the normal order of accuracy; the same consideration applies to the diurnal inequalities.

The determination of daily maxima and minima and daily ranges of W is less straightforward. If W_0', N_0, are the base line values of the W′ and N records; w′, n, corresponding curve ordinates in millimetres; c′, b, the scale values of the W′ and N records in γ per mm., then

$$W = W_0' \sec \alpha - N_0 \tan \alpha + c' \sec \alpha \left\{ w' - \frac{nb}{c'} \sin \alpha \right\}.$$

For a given day W is a maximum or minimum according as $\left\{ w' - \frac{nb}{c'} \sin \alpha \right\}$ is a maximum or minimum. In the particular case in question a typical value of $\frac{b}{c'} \sin \alpha$ is 0·152. Theoretically it should be possible, by employing a pantagraph or similar instrument, to trace the quantity $\left(\frac{b}{c'} \sin \alpha \right) n$ beneath the W′ record with the base line of the latter as zero, and so to select and measure the largest and smallest ordinate differences between the two traces. With the apparatus available certain practical difficulties were encountered in endeavouring to trace the N curves reduced to between one-sixth and one-seventh in ordinate, and consequently this method of achieving the object in view was abandoned. Instead, the W′ trace for

each day was re-examined, in relation to the corresponding N trace and in the light of the relative effects of changes in w′ and n, in order to determine (1) whether the apparent time of maximum or minumum as shown by the W′ curve was or was not the true time of maximum or minimum of W for its immediate neighbourhood, and, if not, what was the true time for that neighbourhood; (2) whether there was in any other section of the W′ curve a point which, when duly corrected, might possibly compete with the former local maximum or minimum. The true time of maximum or minimum having been thus ascertained, the correct value of W was computed from appropriate measurements made on the W′ and N curves. It is considered that the resulting maxima and minima are very nearly of the usual order of accuracy. In nearly all cases the true time of maximum and minimum of W was found to be the same, for all practical purposes, as the apparent time shown on the W′ record.

Comparison of Instruments.—The standard unifilar magnetometer was compared with the Kew Observatory standard through the agency of the Dover Unifilar, No. 140, which was brought to Eskdalemuir in July, 1924. Comparison of the Eskdalemuir dip inductor with the Kew Observatory standard dip circle was effected through the Eskdalemuir dip circle, which was sent to Kew in 1923 for this purpose. The resulting differences, Eskdalemuir standard—Kew standard, were as follows:—Declination (westerly), + 0′·4; Horizontal Force, + 9γ; Inclination, − 1′·8. Details regarding the procedure followed in the comparison observations and of the results obtained are to be found in the publication: *"Comparison of Magnetic Standards at British Observatories, with a discussion of various instrumental questions involved,"* by Dr. C. Chree, F.R.S.—Meteorological Office, Geophysical Memoirs, No. 30.

IDENTIFICATION NUMBERS OF INSTRUMENTS IN USE IN 1924.

Unifilar Magnetometer, Kew pattern.. .. .. (with collimator magnet, 60a, and mirror magnet, 60c)	Elliott, No. 60
Dip Inductor	Schulze No. 103
Dip Circle .. .. (with needles 74 (1 and 2), and 239 (1 and 2)).	Dover No. 74

Notes on Tables.

The hourly values of N, W, and V, obtained as described above, appear in three of the four monthly tables. The mean value for the day is computed according to the expression

$$x = \{\tfrac{1}{2}(x_0 + x_{24}) + x_1, + x_2 + \ldots\ldots\ldots + x_{23}\}/24.$$

The letters "Q" and "D" denote the five quiet and the five most disturbed days as selected at De Bilt.

In the fourth table for each month are given:—

(*a*) the values and times of the daily maximum and minimum and the values of the absolute daily range for each of the components N, W and V.*

(*b*) the value of ΣR^2† for each day. ΣR^2 is written for $R_N^2 + R_W^2 + R_V^2$ where R_N, R_W, R_V denote the absolute ranges for a calendar day of the north, west and vertical components.

(*c*) the "characteristic ratio," ρ, which is the ratio of the value of ΣR^2 for a given day to the mean monthly value of ΣR^2. This ratio is an index of the degree of disturbance or activity on a given day relatively to the other days of the same month.

(*d*) the daily magnetic character figures, assigned according to the international scheme wherein "0," "1," "2," respectively, denote quiet, moderately disturbed and highly disturbed conditions.

(*e*) the daily values of temperature in the underground magnetograph chamber.

* See p.100 for method of obtaining daily maxima and minima of W during 1924.

† See also p. 104.

Mean diurnal inequalities of the components N, W, V, H, D, and I on "all" days and on international quiet and disturbed days are given, for the months, seasons and year, in Tables 259 to 276. In calculating diurnal inequalities the non-cyclic change has been eliminated on the assumption that its time-rate is linear. Inequality values are first calculated to 0·01 γ and then rounded off to 0·1 γ. The inequalities of H, D, and I have been computed from those of N, W, and V by means of the formulae :

$$\delta D = \frac{180 \times 60}{\pi}\left(\frac{\delta W \cos D - \delta N \sin D}{H}\right)$$

$$\delta H = \delta N \cos D + \delta W \sin D$$

$$\delta I = \frac{180 \times 60}{\pi} \cos I \left(\frac{\delta V \cos I - \delta H \sin I}{H}\right)$$

in which δD and δI are expressed in minutes of arc, and where H, D, and I for any given month are the respective mean values for that month as published in Table 280. The values of the range of the mean diurnal inequalities of the several elements on the three different types of day are brought together in Table 277, and the values of the non-cyclic change of N, W, and V are given in Table 278.

The results of harmonic analysis of the monthly, seasonal‡ and annual diurnal inequalities of N, W, and V are to be found in Tables 281 and 282, in which are given the values of a_n, b_n, c_n, and α_n, in the two equivalent series $\Sigma\ (a_n \cos 15nt^\circ + b_n \sin 15nt^\circ)$ and $\Sigma\ c_n \sin (15nt^\circ + \alpha_n)$. In the former series t is reckoned in hours from midnight G.M.T., whilst the published values of α_n refer to Local Mean Time. The values of the harmonic coefficients have been computed from the unrounded values of the inequalities and have been corrected, where necessary, on account of the fact that the hourly values are not instantaneous values but are mean values. The factors by which the coefficients have to be multiplied (*vide* Report of the British Association, 1883, p. 98) are 1·00286 for a_1, b_1, c_1 ; 1·01152 for a_2, b_2, c_2 ; 1·02617 for a_3, b_3, c_3 ; and 1·04720 for a_4, b_4, c_4. Finally, the values were rounded off to 0·1 γ.

The mean values of the squares of the absolute daily ranges are summarised in Table 279.

In Table 280 appear for the months and year the mean values of N, W, V, D, I, H and Total Force, T. The means of the four latter elements are derived from the corresponding mean values of N, W and V, which are the means of hourly values on "all" days in the month or year.

Review of Results of Magnetic Observations.

Mean and Extreme Values of the Magnetic Elements, 1924—The mean values are given on opposite page in Table I along with the corresponding values for the previous year. The values of N, W, and V have been computed from the hourly values derived from the autographic records of "all" days, standardised by means of the absolute observations ; those of H, D, I, and T have been deduced from the values of N, W, and V.

‡ The seasons are defined for this purpose as follows :—*Winter*, January, February, November, December ; *Equinox*, March, April, September, October ; *Summer*, May, June, July, August.

TABLE I.

Year.	H.	D. (West).	I.	N.	W.	V.	T.
	γ	° ′	° ′	γ	γ	γ	γ
1923	16676	16 13·8	69 38·8	16011	4661	44954	47947
1924	16673	16 1·2	69 38·7	16025	4601	44938	47931

The decrease in H continued, but much more gradually than during the early stages of the decrease which has been in progress since 1912. The diminution in westerly declination from 1923 is the largest change from one year to the next recorded at Eskdalemuir. There was little apparent change in inclination. The increase in N and the decrease in W were slightly greater than the changes from 1922 to 1923.

Mean values derived from (*a*) international quiet days and (*b*) international disturbed days were as follow: (*a*) N, 16026 γ; W, 4602 γ; V, 44938 γ; (*b*) N, 16022 γ; W, 4600 γ; V, 44938 γ.

The extreme values of N, W and V recorded during 1924 are given in Table II.

TABLE II.

Component.	Maximum.					Minimum.					Absolute Annual Range.
	Value.	Date, 1924.				Value.	Date, 1924.				
	γ		d	h	m	γ		d	h	m	γ
North	16252	June	10	16	6	15807	Jan.	30	1	43	445
West	4851	June	10	16	6	4434	Jan.	29	18	21	417
Vertical ..	45216	June	10	16	36	< 44681	Jan.	from 30	1	23	> 535
								to 30	2	1	

The absolute annual ranges were greater in 1924 than in 1923 or 1922. In N and in W the excess of the maximum above the mean for the year was greater in 1924 than in any of the years 1921–23.

Magnetic Character of the Year.—As an endeavour to obtain magnetic activity estimates free from the effects of variations in personal judgment, to which the character figures assigned in accordance with the international scheme are subject, it has been the practice in recent years to tabulate for each day two quantities which are in some measure indicative of the degree of magnetic activity. These quantities

are (1) ΣR^2,* the sum of the squares of the absolute daily ranges of the three geographical components; and (2), the mean of the hourly values of Σr^2,† the sum of the squares of the hourly ranges of these components. The magnetic character

TABLE III.

1924.	Mean Value of Σr^2 (Unit $100\gamma^2$).											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Day.												
1	0·2	1·6	0·4	1·0	1·8	1·6	2·6	2·0	12·6	1·5	4·6	0·5
2	0·5	0·9	3·3	1·0	0·8	1·4	2·7	2·1	1·3	0·7	2·3	0·6
3	13·4	2·1	4·5	3·1	1·2	0·9	1·5	2·0	1·9	0·9	2·3	0·6
4	1·0	0·9	1·8	1·1	1·4	2·0	1·4	5·2	4·3	3·9	0·9	0·5
5	0·4	16·4	3·5	1·0	1·3	1·4	1·0	—	3·7	1·9	0·3	0·2
6	0·6	6·6	—	6·3	1·0	0·6	3·1	—	4·5	—	3·1	0·1
7	3·6	5·4	30·9	4·4	0·9	1·0	4·0	2·3	25·5	3·9	1·9	1·0
8	2·3	0·7	8·3	1·0	1·7	1·2	1·1	2·0	24·8	2·2	0·2	1·7
9	1·3	0·6	8·5	1·2	2·1	5·6	17·4	1·0	4·5	1·1	3·0	0·6
10	17·3	4·6	3·0	0·8	0·8	151·3	3·8	1·1	4·1	0·8	2·0	0·3
11	4·1	4·3	2·5	1·0	1·7	42·2	2·8	0·8	1·1	0·8	1·5	2·0
12	0·6	0·6	2·7	1·1	4·4	4·6	1·3	0·9	8·1	0·6	0·8	11·4
13	0·2	1·3	0·7	0·6	2·5	2·4	1·3	1·5	5·5	0·8	3·7	2·0
14	0·3	0·4	0·5	0·8	0·5	1·3	0·6	1·2	0·8	0·5	2·9	0·9
15	2·1	0·2	0·8	1·9	1·1	2·9	6·5	1·0	1·9	2·0	—	1·6
16	2·5	2·3	2·3	1·6	5·5	4·9	2·2	2·0	1·6	2·5	—	0·2
17	3·0	2·5	0·7	1·5	1·8	2·2	2·6	12·4	0·9	1·8	0·4	1·3
18	0·9	0·3	1·7	2·9	1·3	18·5	5·8	12·9	1·9	4·4	0·3	0·9
19	1·6	1·2	3·9	2·9	1·9	23·1	3·2	2·1	2·6	0·6	7·8	1·1
20	0·4	40·6	11·8	2·6	2·2	42·3	5·8	1·0	1·4	2·6	0·6	—
21	0·4	11·1	7·0	2·5	28·7	7·4	4·4	0·9	1·3	2·2	2·2	6·2
22	9·3	6·0	11·2	2·0	73·2	5·1	1·5	1·1	1·7	1·9	0·7	0·6
23	30·0	13·9	6·8	1·4	55·3	7·4	0·5	1·4	8·2	21·9	0·5	2·9
24	11·3	4·5	2·2	2·5	6·5	1·3	1·2	1·1	17·7	35·5	41·0	1·0
25	4·8	5·1	3·1	11·0	3·3	2·1	6·9	0·7	4·8	8·9	4·7	0·2
26	4·2	—	1·4	7·2	2·2	1·7	8·0	1·1	1·7	1·6	3·8	0·5
27	1·5	—	2·0	1·7	2·2	2·8	14·7	0·8	12·1	2·4	0·7	0·6
28	1·1	0·6	0·8	2·2	18·5	1·9	2·5	1·3	4·4	0·9	1·8	0·6
29	164·2	0·6	2·9	2·9	2·3	2·1	2·1	9·3	1·8	0·4	1·4	0·2
30	96·4	—	21·6	1·1	2·2	4·0	1·5	5·2	1·4	0·6	0·2	0·2
31	2·5	—	9·0	—	1·1	—	1·1	2·9	—	3·6	—	—
Mean	12·3	5·0	5·3	2·4	7·5	11·6	3·7	2·7	5·6	3·8	3·4	1·4

figure, the value of ΣR^2, and the value of ρ* (the "characteristic ratio") for each day appear in the fourth table under each month in this volume. The daily means of Σr^2 are given in Table III above. Owing to the error‡ in azimuth of the west

* See p. 101.

† r_N, r_W, r_Z, denoting ranges, for the 60-minutes period centered at the exact hour G.M.T., of N, W, and V, Σr^2 stands for $r_N^2 + r_W^2 + r_Z^2$. Table III. contains the value of $\frac{1}{24}\Sigma(\Sigma r^2)$, where—

$$\Sigma(\Sigma r^2) = \tfrac{1}{2}\{(\Sigma r^2)_0 + (\Sigma r^2)_{24}\} + (\Sigma r^2)_1 + \ldots + (\Sigma r^2)_{23}$$

‡ See pp. 100–101.

magnet during 1924, the daily means of Σr^2 for this year are not strictly comparable with the values, prior to August 30th, 1923, for in tabulating hourly ranges of the "west" component during the period specified no attempt was made to allow for the circumstance that the component recorded was $W' = W \cos \alpha + N \sin \alpha$, and not W.

The monthly distribution and the mean values of the magnetic character figures, together with the mean values of ΣR^2 and of Σr^2, are shown in Table IV.

TABLE IV.

Month.	Magnetic Character Figures.			Mean Character Figure.	Mean value of $\Sigma R^2/100$.	Mean value of $\Sigma r^2/100$.
	No. of "0" days.	No. of "1" days.	No. of "2" days.			
1924.					γ^2	γ^2
January	15	12	4	0·65	201	12·3
February	15	13	1	0·52	*80	*5·0
March	13	16	2	0·65	120	§5·3
April	19	11	0	0·37	76	2·4
May	16	11	4	0·61	189	7·5
June	16	10	4	0·60	258	11·6
July	12	18	1	0·65	108	3·7
August	19	12	0	0·39	§89	‡2·7
September	12	15	3	0·70	135	5·6
October	16	13	2	0·55	92	§3·8
November	17	12	1	0·47	‡71	†3·4
December	21	10	0	0·32	§34	‡1·4
Year, 1924	191	153	22	0·54	121	5·4
Year, 1923	235	111	19	0·41	115	5·5
Year, 1922	174	145	46	0·65	205	11·3

* Mean for 27 days. † Mean for 28 days. ‡ Mean for 29 days. § Mean for 30 days.

In each month, with the exception of April and December, the number of days to which the character figure 0 was assigned was less in 1924 than in 1923. The annual mean character figure and the mean value of ΣR^2 were higher than in 1923.

Table V contains the monthly and annual mean values of ΣR^2 and of Σr^2 for "0," "1," and "2" days, and also for the international quiet, Q, and disturbed, D, days. The annual means given in this table are the means of the monthly mean values shown; and therefore in the case of "2" days the annual means are the means of nine monthly means. In the majority of months the mean value of ΣR^2 for Q and for "0" days exceeded the corresponding 1923 value, but the months in which, for these classes of day, the 1924 value of Σr^2 exceeded that of 1923 were decidedly in the minority. It will be noticed that for July and September the mean value of ΣR^2 on Q days was greater than the mean value for "0" days. With regard to D days, in the months January, May, June, July, August, and November the mean values of ΣR^2 and of Σr^2 exceeded the corresponding values for 1923. For "1" and "2" days the mean values ΣR^2 and Σr^2 for the year 1924 are rather less than the corresponding values for 1923. If equal weight be given to individual "2" days the means of $\Sigma R^2/100$ are 855, 914, 704, 1327, 1683, and of $\Sigma r^2/100$ are 46·3, 53·4, 41·7, 97·3, 92·5 for 1924, 1923, 1922, 1921, 1920, respectively.

The values of ΣR^2 and of Σr^2 being accepted as criteria of magnetic activity, it may be concluded that there was little difference between 1924 and 1923 in respect of average activity. The annual means of observed sunspot relative numbers for 1922, 1923, 1924 were 14·2, 5·8, 16·7 respectively.

TABLE V.

Month.	Q days.		"0" days.		"1" days.		"2" days.		D days	
	ΣR^2	Σr^2	ΣR^2	Σr^2	ΣR^2	Σr^2	ΣR^2	Σr^2	ΣR^2	Σr^2
	100	100	100	100	100	100	100	100	100	100
1924.	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2	γ^2
January	11	0·3	18	0·7	80	5·3	1255	77·0	1033	63·4
February	13	0·4	18	0·9	119	6·9	486	40·6	269	17·7
March	25	0·6	50	1·6	130	5·7	502	26·3	302	16·3
April	53	1·0	55	1·5	112	4·0	—	—	144	6·1
May	51	1·0	52	1·3	90	3·1	1009	43·9	837	36·4
June	64	1·0	74	1·6	163	6·2	1232	64·7	1067	55·5
July	73	1·2	66	1·2	128	4·6	262	17·4	220	10·6
August	55	0·9	60	1·3	140	5·5	—	—	212	10·0
September ..	66	1·3	60	1·4	137	5·5	424	22·7	345	18·5
October	35	0·6	37	1·0	89	3·2	548	28·7	305	14·6
November ..	12	0·3	18	0·8	88	3·5	716	41·0	244	12·2
December	6	0·2	13	0·5	76	3·3	—	—	108	5·6
Year, 1924 ..	39	0·7	43	1·1	113	4·7	715	40·3	424	22·2
Year, 1923 ..	32	0·8	42	1·4	129	6·1	776	44·1	408	22·3
Year, 1922 ..	47	1·5	64	2·5	221	12·5	720	43·2	601	36·1

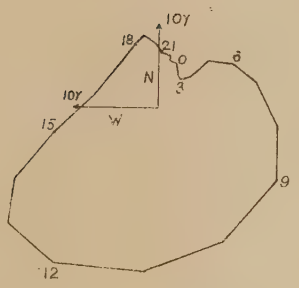
TABLE VI.—MEAN DIURNAL INEQUALITIES OF Σr^2 ON INTERNATIONAL QUIET DAYS FOR MONTHS AND SEASONS, 1924, Unit $1\gamma^2$.

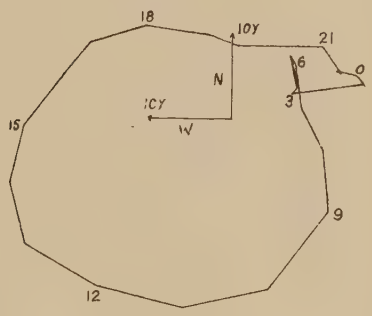
Month and Season.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	24–0 (n.c. change).	Mean Value.
Jan. ...	+47	− 2	−23	−28	−13	−31	−31	−17	− 11	− 11	− 5	+ 3	+ 7	+ 1	0	+ 4	− 9	− 5	− 7	+33	+ 1	− 3	+ 22	+77	−35	33
Feb. ...	−28	−31	−33	−15	−29	−43	−33	+ 4	+ 7	− 4	+ 65	+ 34	+ 8	+ 73	+ 40	+ 6	− 14	−12	−22	18	+ 9	− 12	+ 17	+29	−15	44
March ...	+39	+26	+19	−18	−19	−40	−15	+ 2	+ 25	− 1	+ 60	+ 60	− 8	+ 26	+ 51	+31	− 31	−35	−37	−12	− 50	− 43	− 33	+ 7	+60	62
April ...	−83	−73	−59	−26	−67	−63	−55	−16	+ 38	+ 36	+128	+183	+136	+115	+ 36	+ 8	− 39	+14	−46	−37	− 42	− 29	− 37	−23	−34	97
May ...	−62	−76	−83	−81	−40	−70	−61	− 4	+ 42	+ 27	+103	+177	+ 13	+ 39	+ 51	+16	+103	− 5	+ 3	− 5	− 61	+ 37	− 17	−45	−38	97
June ...	−61	−52	−56	−47	−42	−27	− 1	+69	+100	+143	+269	+ 51	+ 13	+ 21	+ 67	+ 6	+ 19	−43	−67	−90	− 62	− 81	− 65	−63	+58	99
July ...	−99	−86	−99	−60	−57	−28	− 4	+42	+ 16	+140	+277	+264	+ 30	+ 30	+ 59	+31	+ 67	−50	−32	−60	− 92	− 88	−108	−92	− 6	119
Aug. ...	−67	−77	−76	−61	−61	−28	−35	+11	+ 76	+ 33	+104	+139	+ 33	+ 39	+ 54	+58	+ 3	+13	− 2	−31	− 25	− 58	+ 1	−44	−14	85
Sept. ...	−48	−65	−65	−95	−73	−41	−12	+38	+ 33	+ 75	+154	+389	+154	+ 73	+107	−36	− 87	−98	−39	−69	−117	−107	− 52	−18	+50	126
Oct. ...	−45	−46	−52	−49	−51	−46	−19	+29	+ 45	+ 34	+143	+ 36	+126	+ 13	+ 33	−19	− 19	−24	−38	+21	− 30	− 36	+ 3	−27	+ 1	56
Nov. ...	−31	− 8	+21	−15	−14	−17	−12	+30	+ 31	+ 13	+ 7	+ 25	+ 10	+ 46	+ 21	− 1	− 16	−20	− 7	− 9	− 8	− 8	− 19	−20	−10	27
Dec. ...	+25	−14	−16	−16	−22	−22	−22	−11	− 10	− 10	+ 1	+ 14	+ 9	+ 39	+ 15	+ 1	− 3	+ 4	+10	+ 2	− 1	+ 8	+ 5	+13	−37	19
Year ...	−34	−42	−43	−43	−41	−38	−25	+15	+ 33	+ 40	+109	+115	+ 44	+ 43	+ 45	+ 9	− 2	−22	−24	−23	− 40	− 35	− 24	−17		72
Winter ...	+ 3	−14	−13	−19	−20	−28	−25	+ 2	+ 4	− 3	+ 17	+ 19	+ 9	+ 40	+ 19	+ 3	− 11	− 8	− 7	+ 2	0	− 4	+ 6	+25		31
Equinox ...	−34	−40	−39	−47	−53	−48	−25	+13	+ 35	+ 36	+121	+167	+102	+ 57	+ 57	− 4	− 44	−36	−40	−24	− 60	− 54	− 39	−15		85
Summer ...	−72	−73	−79	−62	−50	−38	−25	+30	+ 59	+ 86	+188	+158	+ 22	+ 32	+ 58	+28	+ 48	−21	−25	−47	− 60	− 48	− 47	−61		100

Vector Diagrams Illustrating Diurnal Variation in Magnetic Force on Quiet Days and Disturbed Days. Eskdalemuir 1924.

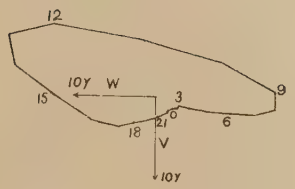
QUIET DAYS. DISTURBED DAYS.

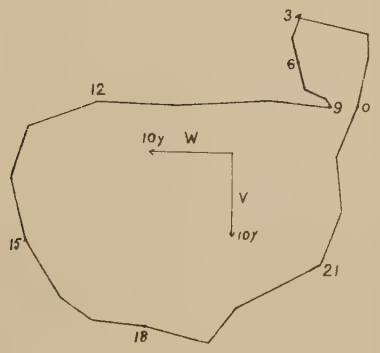
Horizontal Components.



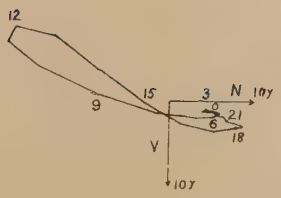


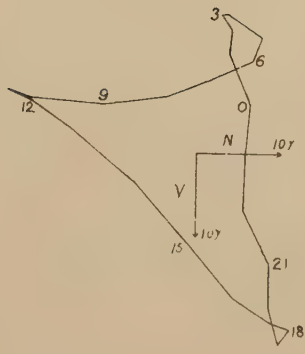
Prime Vertical Components.





Meridian Components.





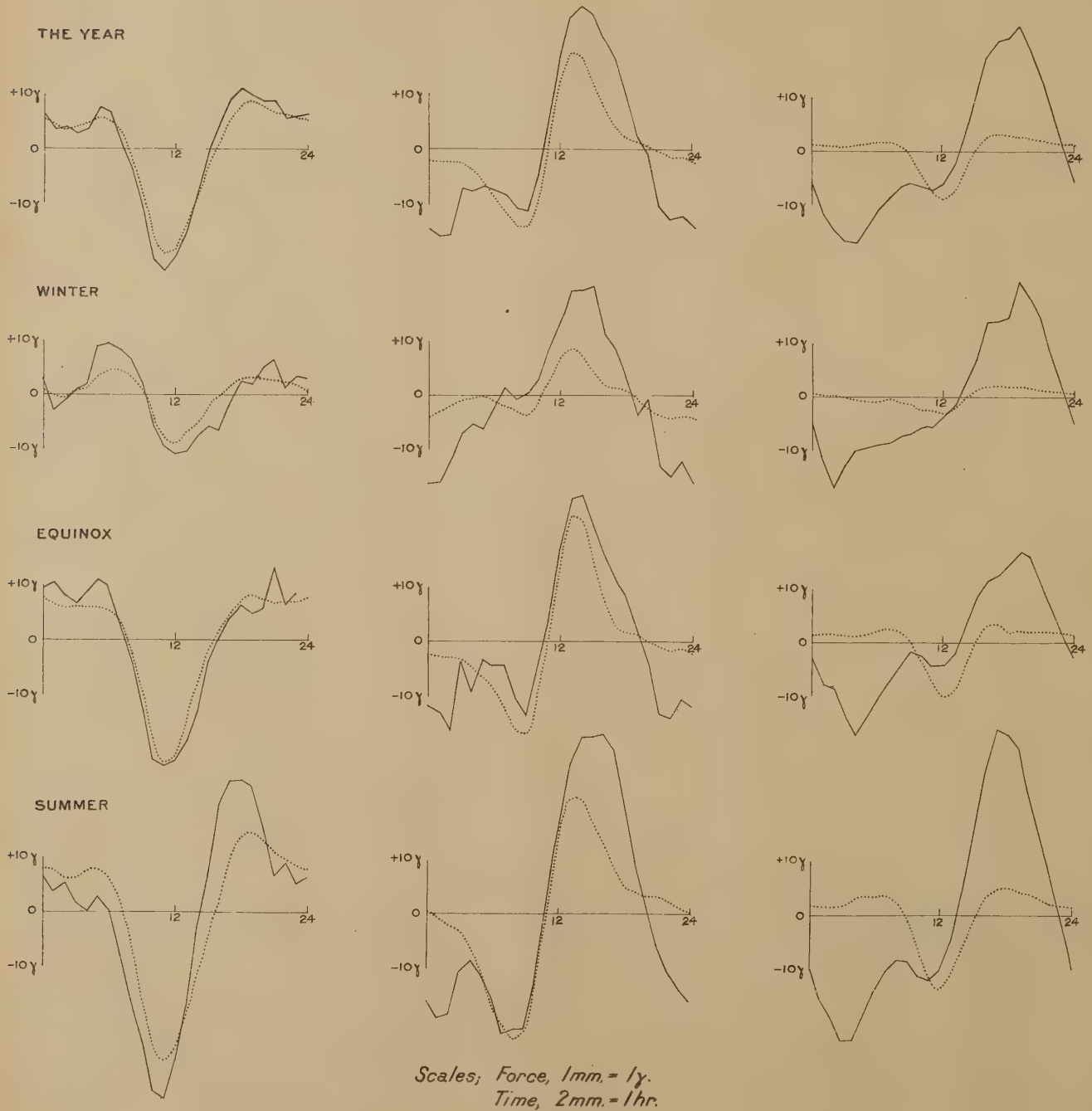
Scale, 0·05 ins. = 1γ.

Diurnal Variation in the Components of Magnetic Force on Quiet and Disturbed Days, Eskdalemuir 1924.

(The Year and the Seasons.)

QUIET DAYS Dotted lines ..... DISTURBED DAYS Continuous lines. _____

North Component. West Component. Vertical Component.



Scales; Force, 1mm. = 1γ.
Time, 2mm. = 1hr.

H.M. Stationery Office Press Kingsway W.C.2.

Ps.29848/1380 Wt.4932A. D13402/297. 350. 2/27.

Daily Variation of Σr^2.—As for the years 1920–1923 attention has been confined to the five international quiet days of each month and the mean values of Σr^2 have been obtained for the hour periods centred at exact hours G.M.T. The results, in the form of mean diurnal inequalities for the months, seasons and year, are shown in Table VI. The mean values of the difference between the 24h and oh values of Σr^2 are also given.

The mean inequalities for the year and seasons resemble fairly closely those for 1923. For the year, winter, and summer the range of the mean inequality was greater in 1924 than in 1923.

Diurnal Inequalities.—The mean diurnal inequalities for "all" days, international quiet and disturbed days, for the months, seasons and the year, are given in Tables 259–276, and the corresponding inequality ranges in Table 277. The inequalities of N, W, and V for international quiet and disturbed days are shown graphically in Plates I and II, the representation in the latter plate being in the form of vector diagrams.

(1) *Ranges.*

(*a*) All Days.—There is a general tendency for the 1924 ranges to exceed those for 1923. In the months June to September and in November the ranges for all three components exceed the corresponding values for 1923. In April and December the ranges are low, compared with the values in the corresponding months in earlier years.

(*b*) Quiet Days.—In every month, excepting March, the range of the mean inequality in V exceeds the corresponding value for 1923. In the case of N and W, while the tendency is for the 1924 values to exceed those in 1923, there are exceptions, e.g. in the winter months the W ranges are less than in 1923. The range of the N inequality in January and December is noticeably small.

(*c*) Disturbed Days.—In January, June, and November the ranges for all three components are greater than, and in March, April, and September less than, the corresponding quantities in 1923. The range in the V inequality for January is the largest for that month during the years 1915–24; the W and V ranges for December are the smallest during the years 1915–1924.

(2) *Harmonic Coefficients.*

(*a*) All Days.—For the year and for summer the amplitudes of the 24 and 12-hour terms, for all three components, show an increase from 1923.

(*b*) Quiet Days.—The values of c_1 and c_2 for the year and the seasons are greater than in 1923, excepting in the case of W in winter. With regard to phase angles, α_1 and α_2 for N in equinox are larger than usual, α_1 for V in winter is less than in several former years, and for W α_1 and α_2 in all seasons are larger than in 1923.

(*c*) Disturbed Days.—The amplitude of the principal term is greater than in 1923 for N in equinox and summer, and for W and V in winter, summer and year. In all three components the value of c_2 in summer exceeds the 1923 value. For equinox, c_1 and c_2 for W and V, and c_2 for N, are the smallest for the period 1916–24.

Daily Range.—The values of mean absolute daily range for the months and seasons of the year, together with the corresponding means for 1913–1923 (1914–1923 for V), are given in Table VII; the ranges are also expressed as percentages of the mean absolute daily range for the year.

TABLE VII.—ABSOLUTE DAILY RANGE. MEAN MONTHLY VALUES.

Month.	Mean Absolute Daily Range.						Mean Daily Range expressed as Percentage of Yearly Mean.					
	1924.			Mean 1913–23*.			1924.			Mean 1913–23*.		
	N.	W.	V.	N.	W.	V.	N.	W.	V.	N.	W.	V.
	γ	γ	γ	γ	γ	γ	%	%	%	%	%	%
January ..	55	63	39	59	63	32	93	103	134	72	80	68
February ..	49	53	20	63	69	36	83	87	69	77	87	77
March ..	64	70	27	88	89	56	108	115	93	107	113	119
April	55	59	24	93	85	55	93	97	83	113	108	117
May	73	65	45	97	85	57	124	107	155	118	108	121
June	88	80	47	87	83	42	149	131	162	106	105	89
July	67	68	28	85	80	44	114	111	97	104	101	94
August ..	60	62	27	98	87	57	102	102	93	120	110	121
September ..	71	73	34	93	87	59	120	120	117	113	110	125
October ..	55	59	22	90	88	57	93	97	76	110	111	121
November ..	42	49	20	65	67	37	71	80	69	79	85	79
December ..	31	35	12	59	63	33	53	57	41	72	80	70
Winter ..	44	50	23	61	65	35	75	82	79	74	82	74
Equinox ..	61	65	27	91	87	57	103	107	93	111	110	121
Summer ..	72	69	37	92	84	50	122	113	128	112	106	106
Year	59	61	29	82	79	47	—	—		—	—	—

* 1914–23 for V.

For each of the months January, May, June, July, August, and November the value of the mean absolute daily range in N, W, and V was greater in 1924 than in 1923, while for February, October, and December the reverse is true. The mean ranges for April, October, and December are noticeably low. For the year as a whole the mean range in each component is slightly greater than in 1923 ; the means for the equinoctial months being less, and those for the summer being greater, than the corresponding values in 1923.

On the days January 1st, 5th, 13th, February 15th, November 30th, December 5th, 6th, 26th, 29th, 30th, the daily range in either N or W did not exceed 20 γ, and on only two of these days did the range in V exceed 10 γ.

The frequency distribution of absolute daily ranges recorded in 1924 is shown in Table VIII, which also contains the percentage distribution for the period 1913–1923, or 1914–1923.

TABLE VIII.—FREQUENCY DISTRIBUTION OF ABSOLUTE DAILY RANGE.

Range.	Number of Cases 1924.			Percentage Distribution.					
				N.		W.		V.	
γ	N.	W.	V.	1924.	1913–23.	1924.	1913–23.	1924.	1914–23.
0–9	0	0	30	0·0	0·1	0·0	0·1	8·3	5·8
10–19	16	11	131	4·4	2·5	3·0	1·5	36·2	20·0
20–29	36	40	114	9·9	5·6	11·0	5·1	31·5	24·8
30–39	46	36	41	12·6	7·6	9·9	7·7	11·3	14·2
40–49	64	53	14	17·5	10·2	14·5	11·4	3·9	8·5
50–59	71	82	5	19·5	12·9	22·5	12·6	1·4	5·1
60–69	46	47	8	12·6	13·3	12·9	13·4	2·2	4·3
70–79	23	24	4	6·3	9·8	6·6	12·5	1·1	3·3
80–89	18	21	1	4·9	8·1	5·8	7·8	0·3	2·4
90–99	12	15	2	3·3	6·2	4·1	6·9	0·6	2·1
100–109	8	9	2	2·2	5·2	2·5	4·5	0·6	1·1
110–119	8	4	1	2·2	3·5	1·1	3·2	0·3	1·2
120–129	2	5	2	0·5	3·2	1·4	2·6	0·6	0·8
130–139	3	4	0	0·8	2·4	1·1	1·9	0·0	0·8
140–149	4	4	1	1·1	1·5	1·1	2·2	0·3	0·5
150–159	0	2	0	0·0	1·3	0·5	1·1	0·0	0·6
160–169	1	2	1	0·3	1·1	0·5	0·8	0·3	0·5
170–179	1	1	0	0·3	0·8	0·3	1·0	0·0	0·4
180–189	1	1	0	0·3	0·6	0·3	0·7	0·0	0·4
190–199	1	0	0	0·3	0·5	0·0	0·6	0·0	0·2
200+	4	4	5	1·1	3·6	1·1	2·5	1·4	2·7
Days omitted	1	1	4	—	—	—	—	—	—

TABLE IX.—PRINCIPAL MAGNETIC DISTURBANCES RECORDED AT ESKDALEMUIR, 1924.

Where the beginning of a disturbance has been marked by a "sudden commencement," the serial number is followed by an asterisk (*), and the time entered in the second column is that of the sudden commencement, estimated to the nearest minute. In other cases, the exact hour nearest the time at which disturbance may be regarded as having begun is entered in the second column. To the tabulated values of maximum and minimum the following have to be added:—N, 15000 γ; W, 4000 γ; V, 44000 γ.

No.	From	To.	North Component.					West Component.					Vertical Component.				
			Max.	Time.	Min.	Time.	Range	Max.	Time.	Min.	Time.	Range	Max.	Time.	Min.	Time.	Range
	d h m	d h	γ	d h m	γ	d h m	γ	γ	d h m	γ	d h m	γ	γ	d h m	γ	d h m From	γ
1*	Jan. 29 5 29	Jan. 30 10	1104	29 18 5	807	30 1 43	297	769	29 17 54	434	29 18 21	335	1195	29 20 32	<681	30 1 23 to 30 2 1	>514
2	Feb. 20 2	Feb. 21 2	1074	20 17 27	961	20 19 5	113	680	20 13 0	507	20 19 8	173	990	20 17 18	913	20 5 10	77
3	Mar. 7 10	Mar. 8 10	1121	7 20 30	979	7 21 31	142	663	7 13 24	514	7 20 26	149	950	7 20 10	899	7 23 3	51
4	Mar. 30 6	Mar. 31 8	1097	30 21 13	966	30 15 32	131	685	30 14 46	502	30 20 58	183	972	30 18 35	883	31 3 27	89
5*	Apr. 24 21 37	Apr. 26 24	1083	25 0 36	953	26 11 23	130	666	26 13 34	571	25 7 8	95	974	26 16 8	900	25 0 52 to 8 25	74
6*	May 21 5 58	May 24 6	1143	22 16 15	832	23 0 20	311	705	22 16 19	483	23 0 31	222	1064	22 16 48	743	23 0 22	321
7	May 28 0	May 29 8	1070	28 16 28	956	28 6 52	114	700	28 4 32	567	29 6 11	133	986	28 17 40	845	28 4 39	141
8*	June 9 14 14	June 12 4	1252	10 16 6	926	10 20 48	326	851	10 16 6	517	11 22 59	334	1216	10 16 36	824	11 2 45	392
9	June 18 7	June 20 22	1117	18 18 12	947	20 1 18	170	677	18 16 50	514	19 21 0	163	969	19 18 18	813	20 3 21	156
10*	July 9 5 23	July 11 2	1092	9 19 29	985	9 12 40 to 10 10 53	107	654	9 16 36	552	9 7 14	102	957	9 19 0	891	9 12 11	66
11	July 20 10	July 22 6	1092	20 16 40	959	21 9 5	133	648	20 16 41	562	21 7 11	86	959	20 19 48	923	20 12 19	36
12	July 26 8	July 28 8	1070	26 19 0	969	26 10 15	101	666	26 12 59	534	27 23 22	132	973	27 18 47	908	27 10 18	65
13	Aug. 17 3	Aug. 18 8	1118	17 19 11	985	18 2 38	133	650	17 19 22	543	18 1 50	107	966	17 18 58	867	18 3 10	99
14	Sept. 1 1	Sept. 1 24	1081	1 21 23	964	1 9 42	117	648	1 7 30	550	1 21 3	98	984	1 18 11	936	1 7 50	48
15	Sept. 7 10	Sept. 9 6	1088	7 18 29	950	7 21 42	138	665	8 3 17	491	7 20 17	174	1016	7 19 3	856	8 3 33	160
16	Sept. 23 12	Sept. 24 8	1086	23 20 39	986	24 2 23	100	631	24 2 48	520	24 2 11	111	969	23 21 40	857	24 3 40	112
17	Oct. 22 22	Oct. 25 10	1105	23 22 3	905	24 9 39	200	637	25 5 5	473	24 22 18	164	976	23 20 3 to 20 19	851	24 4 52	125
18*	Nov. 19 10 2	Nov. 20 4	1049	19 10 10	965	19 14 47	84	647	19 14 43	535	19 22 0	112	980	19 16 38	932	19 12 40	48
19	Nov. 24 11	Nov. 25 5	1095	24 23 7	935	24 23 45	160	644	24 15 18	501	24 23 50	143	1071	24 16 19	911	24 23 40	160
20*	Dec. 11 22 57	Dec. 13 8	1082	11 23 47 to 23 49	1000	12 11 0	82	593	12 13 27	497	12 21 9	96	950	12 21 22	922	12 0 10	28

For N and W the interval of maximum frequency in 1924 is 50–59γ, as compared with 40–49γ in 1923; and for each of these components it will be noticed that on practically 50 per cent. of the days the range fell within the interval 40–69γ. On more than one third of the days the range in V was in the interval 10–19γ which, as in 1923, is the interval of maximum frequency. In 1924 there were 10 days on which the range of a horizontal component was 160γ or more; the numbers of such days in 1919, 1920, 1921, 1922, 1923 being 55, 36, 27, 32, 11 respectively.

Principal Magnetic Storms during 1924.—Particulars of the principal magnetic storms recorded during the year are given in Table IX. The magnetograms for the most highly disturbed days are not reproduced in this volume, but photographic copies may be obtained on application to the Director, Meteorological Office, Air Ministry, Kingsway, London, W.C. 2.

Remarks on the Autographic records for Terrestrial Magnetism, 1924.

January.—Conditions were very quiet on the 1st, 13th, and 14th. Fairly considerable disturbance occurred on the 3rd and the 10th. Following after two quiet days, 20th and 21st, a period of disturbance began shortly after 22d 0h and continued for about three days; the largest changes occurring during the 23rd.

A comparatively small sudden "commencement," occurring at 29d 5h 28m, initiated a storm which, in respect of absolute range, was the largest recorded at Eskdalemuir in 1924. The largest and most rapid changes were confined to the interval 29d 17h to 30d 4h. Perhaps the most striking single variation was the decrease in westerly declination by 59′ between 17h 55m and 18h 20m, at which times occurred the extreme values in declination during the storm. In the course of a large oscillatory movement N increased by 272γ between 1h 40m and 2h 20m on the 30th. From 17h 30m V increased fairly rapidly, but with interruptions, to a crest centred near 19h. This was followed at 20h 32m by a peak maximum, after which V decreased to a sharp minimum which occurred between 1h 23m and 2h 1m on the 30th. The recovery from the minimum was tolerably regular. Between 17h 50m and 20h on the 29th aurora was visible from Eskdalemuir Observatory. The display was the finest observed in the locality in recent years. Vertical structure, although faint, was noticed between 17h 50m and 18h. Somewhat later the predominating features were persistent glow and arch effects. Later in the evening the aurora was obscured by low cloud but glow was still discernible between 22h and 23h. The absolute ranges recorded during this storm were N, 297γ; W, 335γ; V, > 514γ. Further remarks on the records obtained at the Lerwick, Eskdalemuir, and Kew observatories during this storm will be found on p. 22, (Lerwick section).

February.—The first disturbance worthy of mention commenced about 5d 10h, the principal movements, which were comparatively moderate in magnitude, occurring between 5d 20h and 6d 4h. Conditions remained very quiet on the 14th, 15th, and 18th. The largest disturbance of the month developed in the early hours of the 20th, the more prominent features being bay-shape movements in W, below the undisturbed value, culminating at 20d 17h 18m and 20d 19h 10m, and peaks in V at the same times. Apart from a quiet interval during the first half of the 24th, moderate disturbance persisted until the 26th.

March.—From the 2nd to the 12th conditions were mainly moderately disturbed. On the 7th, prominent peaks in N occurred at 20h 29m, 22h 44m, and 23h 38m. After several comparatively quiet days disturbance of a moderate but fairly continuous character persisted from the 19th to the 24th. A small "sudden commencement" at 29d 3h 36m was followed during the remainder of that day by very slight disturbance, but much larger disturbance developed on the 30th.

April.—Having regard to the season, the degree of disturbance was particularly small.

A "sudden commencement" which occurred at 6d 8h 10m is of somewhat different character from many of the cases of this phenomenon which have been recorded at Eskdalemuir. In N and W the initial sharp increase is followed immediately by a decrease to well below the undisturbed value, and it is not until from seven to ten minutes after the initial rise that the undisturbed value is exceeded again. The disturbance ensuing upon this "sudden commencement" was comparatively slight and subsided by 6d 24h. An example of a more common type of "sudden commencement" is that at 24d 21h 37m. This initiated a larger disturbance which, interrupted by a quiet period from 25d 18h to 26d 6h, continued until about 26d 24h.

May.—The degree of disturbance during the first part of this month was low, the least quiet days being the 12th and 16th.

One of the largest storms of the year began with a "sudden commencement" at 21d 5h 58m and continued for 72 hours. During the interval 8h to 12h on the 21st the values of N and W were considerably less than the undisturbed; but apart from this, and although the remainder of the first day was marked by highly irregular fluctuations in N and in W, the largest ranges of movement did not take place until after 22d 2h. In each component the maximum value fell between 16h 15m and 16h 48m on the 22nd, and the minimum between 0h 20m and 0h 31m on the 23rd. The cessation of the storm was comparatively abrupt, but there was a fair amount of irregularity in the curves for the 25th and 26th.

A moderately large disturbance developed after midnight on the 27th, the minimum in V occurring early, viz., at 4h 39m on the 28th.

June.—After a quiet period of several days duration a "sudden commencement" at 9d 14h 14m initiated a storm which continued until the 12th. The largest and most rapid changes occurred during the 24 hours commencing at 10d 6h. Well-marked oscillatory changes marked the interval, 15h to 18h on the 10th, in which each component attained to the maximum value. There were further but smaller oscillations, particularly in N, between 19h and 21h on the 10th. The comparatively quiet interval, 7h to 13h on the 11th, was followed by further disturbance which culminated in a prominent oscillatory movement in N and in W between 22h and 24h on the 11th; the ranges in N and W during this movement being 166γ and 135γ, respectively.

Rather considerable disturbance occurred on the 18th, 19th and 20th. The curves for the remainder of the month show no very prominent features.

July.—Moderate disturbance was fairly general throughout this month, but there was no really large disturbance. A "sudden commencement" occurred at 9d 5h 23m, the principal feature of the ensuing disturbance being two or three rather prominent waves in N between 14h and 18h on the 9th. The other more highly disturbed periods occurred on the 20th, 21st, and 25th to 28th.

August.—The chief disturbances, of moderate character in each case, occurred on 4th–5th, 17th–18th, 29th–30th. In the second, and largest, of these disturbances the most prominent changes took place between 19h and 20h on the 17th and between 2h and 4h on the 18th. Well marked minima in N and V occurred during the latter interval.

September.—The month was characterised by an increase in the general level of disturbance. The 1st was one of the more highly disturbed days of the month. A very moderate disturbance on the 4th began at 4d 5h 45 to 46m with a small "sudden commencement." The latter is of interest as the first in which the changes in the vertical component were recorded at Eskdalemuir by the coil and galvanometer method (*). From the record so obtained it is concluded that the "sudden commence-

(*) *On the Vertical Force Changes during the "Sudden Commencement" of a Magnetic Storm*, by A. Crichton Mitchell, D.Sc., Proc. Roy. Soc., Edin., Vol. XLV., p. 297.

ment " occurred at 4d 5h 45·3m. Fairly considerable disturbance occurred between 5d 16h and 6d 10h. A storm commenced at 10h on the 7th and continued until the 9th. There were no remarkably large changes. A prominent depression in V, between 2h and 5h on the 8th, was associated with a large wave in W, the ranges in W and V during this interval being 150γ and 99γ, respectively. The third of the larger disturbances of the month occurred during the night of the 23rd–24th. The irregular wave-like or hump changes in N between 20h and 22h on the 27th and 28th are somewhat suggestive of " repetition."

October.—From the 1st to 21st the only disturbances were of very moderate magnitude. Very quiet conditions prevailed from the 10th to the 14th. There was a small " sudden commencement " at 17d 16h 13m, but the subsequent disturbance was of a low order. The principal disturbance of the month commenced shortly after 22d 22h. From 0h to 8h on the 23rd V was below the undisturbed value, and during this interval there were fairly considerable, but not very rapid, variations in N and W. After a quiet period lasting from 8h to 15h the major part of the disturbance developed, activity being greatest between 23d 20h and 24d 12h. In V there was no prominent maximum, and the minimum in this component did not occur until nearly 5h on the 24th. There was a further development of disturbance between 24d 21h and 25d 9h, a maximum in N and a minimum in W between 22h and 23h on the 24th being prominent features. The remainder of the month was quiet, apart from moderate disturbance between 27d 18h and 28d 3h, and after 19h on the 31st. The outstanding feature of the latter, otherwise small, disturbance occurred near the end, and consisted of a sharp smooth decrease from and recovery to approximately undisturbed value in N and W. In both components the minimum value occurred between 17 and 19 minutes after midnight, the defect from the undisturbed value being about 49γ in each case. The main part of the decrease and subsequent recovery in N and W occurred between 12 and 26 minutes after midnight. V increased by 7γ between 13 and 20 minutes after midnight and then decreased, but rather more slowly, to the approximately undisturbed value.

November.—" Sudden commencements " occurred at 9d 7h 15m, 19d 10h 2m, 25d 23h 56m. The first and third of these were followed by slight disturbances, but the " sudden commencement " on the 19th initiated the second largest disturbance of the month. There were no especially prominent features in this disturbance.

A moderately large storm lasted from 24d 11h to 25d 5h. During this interval N was mainly below the normal undisturbed value. Between 23h and 24h 30m there were three well marked oscillations in N and in W, the range in N during this interval being 160γ. In V there were two crests, viz., between 16h and 17h, and between 19h and 20h. This component fell below the undisturbed value only between 24d 23h and 25d 1h, and then by a comparatively small amount.

" Bays " in W were centred near 21d 19h 40m and 26d 21h 20m, the value of the component falling below the undisturbed in both cases.

December.—Conditions were quiet during the first six and the last seven days of the month.

The chief disturbance began with a " sudden commencement " at 11d 22h 57m. The larger changes occurred during the first seven hours of the disturbance and between 12d 21h and 13d 2h. In the first hour of the latter interval W fell below the undisturbed value in a prominent " bay " movement. The range in V during the disturbance was only 28γ.

A " sudden commencement " occurred at 17d 19h 16m, but the ensuing disturbance was comparatively small.

Moderate disturbance persisted from 20d 15h to 21d 18h. A " bay " in N was centred at 23d 10h 50m, the value of N at that time being 34γ below the undisturbed value.

SEISMOLOGY.

Notes on Instruments.—As in previous years, the instruments in use were three Galitzin pendulums, with galvanometric registration, arranged to record earth displacements in the north, east and vertical directions. The installation is situated in ground floor rooms of the principal building of the Observatory, the pendulums being placed on massive concrete pillars which extend down to boulder clay and are independent of the floor.

For detailed descriptions of the Galitzin seismographs and for particulars of the interpretation of the records, reference may be made to *Vorlesungen über Seismometrie* by the late Prince B. Galitzin, to *Modern Seismology* by the late G. W. Walker, or to *Dictionary of Applied Physics*, Vol. III.

A partial determination of the constants of the instruments was made, in somewhat unfavourable circumstances, in 1924, but it is considered that no serious error has been introduced by using, where necessary, the values found in 1915 and 1916 (see *British Meteorological and Magnetic Year Book*, 1915). It may be stated that the Galitzin vertical pendulum is particularly sensitive to temperature changes, and as the temperature variation in the room is fairly considerable frequent adjustments of the pendulum are necessary. For this reason the records from this instrument are regarded as only qualitative in certain respects. At the same time it must be noted that the vertical record is an important factor in the determination of an epicentre from the records of an earthquake at a single station.

The situation of the Observatory is such that the effect of wind produces undesirably large disturbances on the records, and on occasions the reading of an earthquake record is rendered quite impossible by the large and more or less irregular but persistent wind disturbance.

During 1924 the clockwork recording drums gave considerable trouble and in consequence of this several records were lost or spoiled.

Notes on Tables.—*Earthquakes.*—The Seismological Diary, Table 283, contains the particulars of the earthquakes recorded by the Galitzin instruments. The notation employed is as follows :—

P is the time of arrival of the first phase (longitudinal waves). S is the time of arrival of the second phase (tranverse waves). L is the time of arrival of the long waves (surface waves).

PR_1, PR_2 . . . are longitudinal waves reflected once, twice . . . at the earth's surface, prior to their arrival at the station. SR_1, SR_2 . . . similarly denote reflected transverse waves. Any times given for reflected waves refer to the beginning of the disturbance at the observatory.

M_1, M_2 . . . are the times of successive maxima of the displacement of the ground, corrected, if necessary, for the lag of the instrument.

i is the sudden commencement of a phase. *i*P means a sudden commencement of the P phase. *e* means an indistinct commencement of a phase. F is the end.

T, the period in seconds, is the duration of a double oscillation (to-and-fro-movement). μ represents a micron (0·001 mm.).

$\triangle$ is the distance in kilometres of the epicentre measured along the arc of the great circle passing through the station. α is the azimuth of the epicentre (0° to 360°) measured from north through east. The distance is estimated from Klotz's *Seismological Tables* (Publication of the Dominion Observatory, Ottawa, Vol. III, No. 2), which are also used for computing the time at which the disturbance originated. This time of origination is denoted by the letter O.

A_N, A_E are the amplitudes of the components of the true displacement of the ground from the position of rest, and are measured in microns. When the displacement shown by the north-south seismographs is to the north a + sign is shown ; for a displacement to the south a − sign is used. Similarly + is used for displacement to the east, − for displacements to the west. When the oscillations are of a simple harmonic character no sign is prefixed to the amplitude. (For reasons mentioned in the foregoing, values of A_Z are not given.)

The suffixes N, E, Z indicate that the estimates refer to the records from the north-south, east-west and vertical seismographs respectively.

Microseisms.—Microseisms are the small and often extremely regular tremors which are practically always in evidence on the seismograph records. The periods range to something more than 8 seconds, and the larger periods are generally associated with larger amplitude. At Eskdalemuir the amplitudes are usually confined to the range 0 to 8μ. These minute tremors attain their greatest development in the winter months, and on occasion render the interpretation of earthquake records exceedingly difficult and sometimes impossible. Microseisms of the type referred to are believed to arise from other than purely local causes, but the precise nature of their origin remains in doubt. Although their period corresponds with that of sea waves there is evidence that the breaking of the latter on coasts does not afford a complete and satisfactory explanation of the known facts with regard to microseismic movement. There is evidence of a relationship between the travel of cyclonic disturbances in eastern seas and microseismic movement in China and Japan*, and evidence of a somewhat similar nature has been adduced in favour of a connection between microseismic movement and atmospheric pressure gradient in Europe and Canada.

In Table 284 are given the amplitude and period of the microseisms shown by the North component Galitzin seismograph on each day at oh, 6h, 12h and 18h. The group of waves of greatest amplitude occurring in the 30 minutes centring at the hour in question is selected, and the amplitude tabulated is the mean obtained from two or three waves in that group. The period is derived from a measurement made in the same group.

In computing the mean period occasions of zero amplitude are omitted. For reasons already mentioned there were no records on a number of days.

The mean values of amplitude and period for each month of 1924 and for the year, together with the means for the years 1911–1923, are given below.

MICROSEISMS. MONTHLY AND ANNUAL MEANS.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1924	Amplitude (μ) ..	2·4	1·6	1·7	1·3	0·5	0·6	0·3	0·5	1·1	1·1	1·7	2·8	1·3
	Period (secs.) ..	6·3	5·4	5·6	5·3	4·3	4·8	4·1	4·6	4·6	5·3	5·5	6·5	5·2
1911 to 1923	Amplitude (μ) ..	2·6	2·4	1·8	1·2	0·7	0·5	0·3	0·5	0·9	1·3*	1·8*	2·3*	1·3
	Period (secs.) ..	6·0	6·1	5·8	5·3	4·8	4·6	4·3	4·4	5·0	5·2*	5·6*	5·9*	5·2

*Mean for 12 years only.

* E. Gherzi. *Étude sur les Microséismes.* Observatoire de Zi-ka-wei, 1924.

Readings in millibars at exact hours, Greenwich Mean Time.

111. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **January, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	991·6	992·3	992·3	992·6	992·4	992·9	993·1	993·1	993·1	993·0	992·6	992·3	992·1	992·3	992·6	992·3	992·3	992·1	991·7	991·5	991·2	990·7	990·4	990·1	992·1
2	989·6	988·9	988·7	988·1	987·6	987·5	987·0	986·8	986·5	986·8	986·5	984·8	984·0	983·4	983·0	982·9	983·0	983·0	983·0	983·3	983·4	983·4	983·6	983·5	985·5
3	983·5	983·5	984·1	984·2	984·4	984·7	984·8	985·0	985·3	985·9	986·1	985·8	985·8	985·8	985·8	986·0	986·3	986·9	987·1	987·6	988·1	988·6	989·0	989·0	985·0
4	989·8	990·2	990·4	990·7	991·1	991·3	991·4	991·9	992·5	992·3	992·6	992·3	992·2	992·0	992·0	992·4	992·3	992·7	992·5	992·5	992·8	992·8	992·6	992·5	991·8
5	992·2	992·3	991·9	991·7	991·0	991·1	991·1	990·5	991·1	991·0	991·4	991·2	991·0	990·9	990·8	990·7	990·5	990·7	990·7	990·6	990·3	990·4	989·9	989·2	991·0
6	988·7	989·0	988·4	987·7	987·2	987·1	986·5	986·6	986·6	986·4	986·2	986·4	985·0	984·0	983·6	982·8	982·2	981·4	981·2	980·5	980·5	980·5	980·3	980·1	984·7
7	979·0	978·3	978·5	977·8	977·7	977·6	977·4	977·7	977·7	978·2	978·3	978·0	977·9	978·0	977·9	978·0	978·0	978·0	978·5	978·3	978·3	977·9	978·1	977·6	978·1
8	976·4	976·0	975·1	974·9	974·0	973·1	972·6	972·2	971·6	971·0	971·0	970·4	970·4	969·9	969·3	968·5	968·0	968·0	968·3	968·9	967·8	968·6	969·0	969·1	971·2
9	968·4	968·5	967·9	967·9	967·2	967·3	967·4	968·0	968·0	967·5	967·7	967·4	967·3	967·1	967·3	967·4	967·5	967·6	967·7	967·4	967·5	967·1	966·8	966·4	967·6
10	965·5	964·8	963·8	962·8	962·1	961·2	960·6	959·7	959·0	958·4	958·4	958·6	958·7	959·2	959·8	960·4	960·3	960·6	960·8	961·6	962·5	963·4	963·7	964·1	961·3
11	964·4	964·6	964·8	964·9	965·1	965·2	965·6	966·2	966·8	967·4	967·9	968·1	968·3	968·7	970·7	971·2	971·2	971·1	970·1	969·0	967·3	965·6	963·3	961·3	967·1
12	961·0	960·6	961·0	962·1	963·0	963·9	965·0	966·7	968·5	970·5	971·5	972·2	973·0	973·4	974·0	974·8	975·0	975·4	975·4	975·3	975·0	974·1	973·1	972·4	969·6
13	971·5	971·1	970·1	969·0	968·2	967·2	966·1	965·4	964·6	963·8	963·4	963·0	962·5	962·1	961·0	960·7	961·4	962·3	963·6	964·7	966·0	966·8	967·6	968·1	965·5
14	968·9	969·8	970·5	970·9	971·4	971·6	972·1	972·8	973·2	973·4	973·4	972·8	972·5	972·8	973·2	973·1	973·2	972·9	972·6	972·9	972·0	972·2	972·1	972·0	972·1
15	972·1	971·9	971·3	971·2	970·9	970·9	970·8	971·4	971·6	971·8	971·7	971·1	970·4	970·4	970·5	970·4	970·3	970·7	971·0	971·5	971·7	971·9	971·8	971·7	971·2
16	971·7	971·9	971·7	972·0	971·8	971·6	972·4	972·7	973·4	973·6	973·8	973·4	973·4	973·8	974·3	974·6	974·8	975·1	975·5	975·7	976·4	976·7	976·7	977·0	973·8
17	977·7	978·1	978·8	979·0	978·7	979·3	979·9	980·3	980·6	980·7	980·6	980·6	980·3	980·4	980·6	980·5	980·6	981·0	981·4	981·1	981·0	980·6	980·2	979·8	980·0
18	978·9	978·1	977·3	976·5	975·5	974·3	973·8	973·3	973·0	972·1	971·5	970·5	969·2	968·3	967·5	966·5	965·4	964·8	964·5	964·0	963·9	964·0	963·8	963·5	970·3
19	963·6	963·5	963·3	962·8	962·6	962·0	961·1	960·9	961·2	961·2	961·4	961·1	960·9	960·2	959·7	959·2	958·7	958·1	958·4	958·7	959·6	960·4	962·6	964·3	**961·0**
20	965·4	966·2	967·8	969·3	970·3	971·6	973·0	974·5	975·6	977·8	979·0	979·5	980·4	981·1	981·2	981·5	982·1	982·8	983·3	983·7	984·2	984·7	984·6	985·0	977·3
21	984·9	985·0	985·0	985·2	985·0	984·6	984·3	984·2	984·2	983·8	983·6	983·4	983·1	982·6	982·4	982·0	982·0	981·9	981·6	981·5	981·5	981·3	980·7	980·7	983·2
22	981·2	979·6	979·3	978·3	978·0	977·8	977·9	978·1	978·4	978·7	978·8	978·8	978·8	979·1	979·1	979·3	979·6	980·2	980·6	981·0	981·5	982·2	982·9	983·5	979·6
23	984·2	985·0	985·9	986·2	986·7	987·2	988·0	988·3	989·6	989·8	990·2	990·0	989·9	989·5	989·5	989·0	988·7	988·3	987·9	987·8	987·1	986·9	986·2	985·5	987·8
24	985·1	984·9	984·3	983·7	983·1	982·6	982·5	982·4	982·5	982·6	982·8	982·7	982·4	982·6	982·9	983·4	984·1	985·0	986·3	987·0	988·2	989·1	989·7	990·5	984·5
25	990·8	991·5	992·1	992·7	993·4	994·1	994·7	995·1	996·0	996·1	996·2	996·2	996·2	996·4	996·6	997·2	998·0	998·8	999·4	999·9	000·4	000·7	001·0	001·0	996·2
26	000·8	000·9	000·2	999·6	998·5	997·9	997·4	997·2	997·1	997·6	997·0	996·4	995·4	995·0	994·5	993·8	993·4	992·8	992·7	992·0	990·7	989·1	987·9	988·7	995·5
27	990·0	991·6	993·5	994·4	995·3	995·7	996·6	997·7	998·6	999·2	000·0	000·0	000·2	000·6	000·9	001·3	001·7	002·2	002·4	002·5	002·7	003·3	003·7	003·7	998·8
28	003·3	003·2	003·0	002·7	002·7	002·7	002·8	003·1	002·7	002·6	002·2	002·1	001·9	001·7	001·4	001·5	001·5	001·6	001·1	000·6	000·0	999·4	999·0	998·5	**001·8**
29	998·1	997·6	997·1	996·6	996·4	996·1	996·1	996·2	996·3	996·1	996·0	996·1	996·3	995·8	995·9	995·7	995·7	995·6	995·6	995·7	995·8	995·8	995·7	995·7	996·2
30	995·4	995·2	995·1	994·6	994·6	994·7	994·6	994·6	994·3	994·6	994·7	994·5	994·4	993·8	994·5	994·4	995·2	995·2	995·3	995·2	995·1	995·2	995·1	994·9	994·8
31	994·6	993·9	993·4	993·4	991·9	991·4	991·1	991·2	991·1	991·0	990·3	990·3	989·5	989·2	989·4	989·6	990·5	990·7	991·2	991·9	992·4	993·9	994·8	995·5	991·7
Mean (Station level)	981·56	981·55	981·50	981·40	981·22	**981·17**	981·22	981·41	981·64	981·77	981·83	981·61	981·40	981·29	981·36	981·33	981·40	981·55	981·67	981·73	981·80	**981·85**	981·80	981·77	981·53
Mean (Sea level)	1010·87	1010·85	1010·78	1010·67	1010·50	1010·42	1010·49	1010·67	1010·89	1010·99	1011·00	1010·75	1010·51	**1010·41**	1010·49	1010·50	1010·62	1010·78	1010·94	1011·01	1011·09	**1011·17**	1011·13	1010·10	1010·77

112. Eskdalemuir : H_b = 237·3 metres. **February, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	996·0	996·7	997·3	997·6	997·8	997·6	998·1	998·5	998·8	999·0	999·2	999·2	998·5	997·5	996·8	996·5	996·6	997·3	997·6	998·1	998·3	998·0	997·7	997·2	997·7
2	996·6	996·2	996·3	996·0	995·6	995·8	996·4	996·8	997·5	997·8	998·2	998·3	997·8	997·7	996·9	996·8	996·0	996·2	996·9	996·8	997·2	997·4	997·5	998·0	996·6
3	998·2	998·8	998·7	998·4	999·2	998·6	998·7	999·0	999·1	999·3	997·9	997·6	996·5	996·5	997·0	996·2	996·0	996·3	996·6	996·5	994·5	994·2	994·2	993·5	997·3
4	993·8	993·7	993·5	993·7	993·6	993·4	992·9	992·5	992·7	993·0	993·2	993·2	992·9	993·0	993·1	993·0	992·9	992·9	992·2	991·4	990·8	990·3	988·9	988·8	992·6
5	987·8	986·6	985·1	984·3	983·4	982·6	981·1	980·6	980·5	979·8	979·2	979·1	978·6	978·9	979·1	978·9	980·1	981·0	982·1	982·2	982·6	983·1	983·4	983·5	981·9
6	983·6	983·3	983·2	983·5	983·9	983·7	984·1	984·1	984·8	984·7	984·7	984·6	984·2	984·3	984·3	984·4	984·4	986·3	986·8	985·5	986·1	987·4	987·3	987·1	984·8
7	986·7	986·5	986·7	986·6	986·6	986·3	986·0	985·9	986·0	986·0	985·9	985·7	985·5	984·9	984·6	984·3	984·4	984·5	984·2	983·8	983·6	983·1	982·7	982·3	985·2
8	981·6	980·8	979·9	979·2	978·2	977·4	976·6	976·2	975·6	975·6	975·3	974·1	973·3	972·6	971·7	970·9	970·6	970·4	969·7	969·0	968·3	967·7	967·3	966·2	974·0
9	965·5	964·4	963·7	962·8	962·2	961·2	960·3	960·0	959·6	958·4	958·1	956·8	956·4	956·6	955·3	955·3	954·9	955·3	955·4	955·2	955·4	955·8	956·2	956·5	**958·6**
10	956·6	956·8	956·9	957·2	957·4	957·7	958·0	958·3	958·6	958·8	959·0	959·0	958·7	958·5	958·5	958·6	958·9	959·4	959·8	960·4	961·0	961·6	962·0	962·4	958·8
11	962·8	963·1	963·3	963·6	963·9	964·6	965·2	965·9	966·4	966·9	967·6	968·1	968·2	968·4	968·9	969·3	969·6	970·4	971·0	970·9	971·3	971·6	971·9	972·1	967·5
12	972·2	972·4	972·5	972·8	972·5	972·5	972·5	972·4	972·3	972·6	972·9	972·6	972·0	971·7	971·8	972·0	972·3	972·8	973·1	973·6	974·1	974·5	974·9	975·0	972·8
13	975·8	976·0	976·3	977·1	977·2	978·1	978·7	979·9	980·8	981·2	981·8	982·1	982·8	982·7	983·7	984·4	984·9	985·0	986·0	986·8	987·4	988·4	988·9	989·0	982·2
14	990·7	991·1	991·5	991·8	991·9	992·2	992·8	993·4	994·3	994·4	994·5	994·6	994·6	994·5	994·2	994·2	994·4	994·2	994·4	994·2	994·1	994·0	994·0	994·0	993·4
15	993·8	993·5	993·3	992·6	992·5	992·4	992·5	992·5	992·8	992·9	992·9	993·0	992·8	992·6	992·8	993·3	994·0	994·5	995·1	995·9	996·7	997·3	998·0	998·7	993·9
16	999·5	000·3	000·5	000·8	001·5	002·5	003·3	004·1	004·5	005·2	005·6	006·6	005·8	005·8	005·7	005·7	005·7	006·1	006·0	006·1	006·1	006·0	005·9	**004·2**
17	005·7	005·6	005·2	004·9	004·3	003·9	003·2	003·1	002·7	002·6	002·2	001·4	000·4	999·2	998·0	997·2	996·7	996·0	995·0	993·9	992·4	991·5	990·3	989·6	996·7
18	988·3	987·4	986·9	986·4	985·9	986·3	987·2	988·2	989·7	991·1	992·0	993·2	993·4	994·0	994·3	994·5	994·8	995·4	995·6	995·8	995·5	995·8	996·0	995·0	991·7
19	995·5	995·4	995·2	995·3	995·5	995·6	995·2	995·6	995·8	996·2	996·1	995·9	996·0	995·7	995·6	995·3	995·3	995·5	995·7	996·0	995·8	996·0	995·0	996·0	995·7
20	995·9	995·8	995·5	995·5	995·8	995·8	995·9	996·4	996·3	996·1	996·0	995·8	995·7	995·4	995·2	995·1	995·1	995·1	995·0	994·8	995·0	994·9	994·9	994·5	995·5
21	994·1	994·0	993·8	993·4	993·1	992·5	992·6	992·6	992·9	993·1	993·9	994·1	994·5	994·6	994·7	995·2	996·1	997·1	997·6	998·1	998·2	998·5	998·6	999·3	995·0
22	999·3	999·5	999·4	999·5	999·6	999·6	999·4	999·7	000·0	000·3	000·8	001·2	001·3	001·2	001·3	001·8	002·2	002·5	003·0	003·2	003·5	003·8	003·6	003·5	001·1
23	003·8	004·2	003·9	004·1	004·2	004·1	004·2	004·1	004·3	004·2	003·7	003·5	003·0	002·2	002·1	001·8	001·1	001·1	000·7	000·1	000·1	999·6	998·9	998·6	002·4
24	995·5	993·5	993·5	991·5	990·3	989·2	989·0	988·6	988·2	987·6	987·3	986·6	986·3	986·2	986·8	987·1	987·7	987·7	988·2	988·5	988·0	988·4	988·6	988·8	989·1
25	989·3	989·7	989·7	989·7	990·1	990·3	990·6	991·0	991·5	991·6	991·5	992·1	992·5	992·9	993·7	993·8	994·8	995·5	995·7	996·1	996·3	996·5	996·6	996·5	992·7
26	996·4	996·3	996·1	996·2	996·2	996·1	996·4	996·4	996·5	996·7	997·1	997·5	997·6	997·6	997·8	998·1	998·2	998·0	999·0	999·0	998·9	999·2	999·1	999·0	997·4
27	998·7	997·9	997·0	996·4	995·6	994·6	993·8	993·4	992·0	991·7	990·6	990·0	989·1	988·2	988·6	988·6	989·2	990·5	991·2	991·4	991·9	992·1	992·6	992·6	992·6
28	992·3	992·7	992·3	992·3	992·4	992·5	992·5	992·5	992·4	992·2	992·0	991·7	990·6	990·1	989·4	988·4	988·9	989·7	989·4	989·1	988·4	988·5	988·2	988·0	989·6
29	978·5	975·6	972·4	969·5	967·0	964·8	962·3	962·1	960·8	959·0	960·1	959·8	959·4	959·3	958·9	958·3	958·0	957·0	957·1	956·0	956·4	955·0	954·5	953·7	962·2
Mean (Station level)	**988·78**	988·54	988·27	988·02	987·84	987·65	987·57	987·72	987·85	987·91	987·91	987·81	987·58	987·36	987·28	**987·22**	987·36	987·73	987·89	987·82	987·81	987·81	987·68	987·51	987·82
Mean (Sea level)	**1018·32**	1018·11	1017·82	1017·57	1017·38	1017·18	1017·10	1017·25	1017·33	1017·35	1017·31	1017·16	1016·91	1016·65	1016·59	**1016·55**	1016·77	1017·20	1017·39	1017·33	1017·33	1017·35	1017·22	1017·06	1017·29
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

113. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **March, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	953·1	952·7	952·4	952·4	952·2	952·3	952·3	952·4	952·8	954·3	955·2	956·1	956·4	956·8	957·0	957·4	957·9	958·7	958·8	958·7	958·6	958·7	958·9	958·8	**955·5**
2	958·5	958·1	957·7	957·2	956·8	956·4	956·3	956·2	956·1	956·1	956·2	956·4	956·4	956·4	956·5	956·7	957·2	957·9	958·5	958·5	959·3	959·5	959·5	959·8	957·4
3	960·0	960·3	960·6	961·1	961·3	961·9	962·7	963·3	963·7	964·1	964·3	964·9	965·2	965·4	965·7	966·1	966·4	966·7	967·0	967·2	967·4	967·6	967·7	968·1	964·4
4	968·2	968·2	968·2	968·1	968·4	968·8	969·3	969·7	970·3	971·1	971·7	972·1	972·6	972·8	973·5	974·0	975·0	976·1	977·3	977·8	978·3	978·9	979·2	980·0	972·7
5	980·1	980·6	980·9	981·0	981·2	981·5	981·8	982·0	982·1	982·2	982·5	982·7	982·8	982·9	983·3	983·7	984·3	985·2	986·1	986·7	987·7	988·5	989·4	989·9	983·5
6	990·9	991·7	991·9	992·2	993·0	993·8	994·4	994·9	995·5	995·8	996·0	996·2	996·3	996·6	996·6	996·7	997·0	997·4	997·6	997·6	997·6	997·7	997·7	998·0	995·4
7	998·1	997·8	997·7	997·3	997·2	997·2	997·1	996·9	997·1	997·0	997·1	996·9	996·8	996·5	996·8	996·8	996·6	996·8	996·6	996·6	996·6	996·5	996·3	996·2	997·0
8	996·1	995·8	995·4	995·2	995·2	995·0	995·3	995·3	995·1	994·8	994·5	994·1	993·8	993·6	993·1	993·1	992·7	992·8	993·1	993·2	993·1	993·0	992·9	992·6	994·2
9	992·6	991·9	991·0	991·3	991·2	991·1	991·0	990·9	990·9	990·8	990·6	990·6	990·4	990·3	990·2	990·1	990·1	990·6	990·9	990·7	991·0	991·0	991·2	991·1	991·0
10	991·0	990·9	990·9	990·7	990·6	990·7	991·0	991·4	991·8	992·0	992·0	992·0	992·0	991·8	991·9	991·8	991·9	992·2	992·6	993·0	993·1	993·2	993·4	993·6	991·8
11	993·7	993·6	993·7	993·7	994·0	994·1	994·5	994·7	994·8	995·1	995·3	995·3	995·2	995·1	995·0	995·1	995·2	995·9	996·4	996·8	997·0	997·6	997·6	997·7	995·2
12	997·7	997·7	997·5	997·2	997·0	997·0	997·5	997·6	997·6	998·0	997·9	997·8	997·5	997·1	996·8	996·5	996·4	996·7	997·2	997·5	997·7	997·7	997·7	997·7	997·4
13	997·9	997·5	997·3	997·0	997·2	997·1	997·3	997·1	997·1	996·9	997·0	997·0	996·6	996·4	996·0	995·9	995·9	996·2	996·6	996·8	996·9	997·1	997·2	997·2	996·9
14	996·9	996·8	996·6	996·5	996·3	996·2	996·5	996·3	996·4	996·6	996·2	995·8	995·3	995·0	994·5	994·0	993·7	993·8	993·9	993·5	993·3	993·2	992·8	992·7	995·2
15	992·4	992·1	991·4	990·9	990·6	990·2	990·3	990·1	990·2	990·1	990·0	989·5	989·4	989·1	988·9	988·4	988·5	988·7	989·0	988·6	988·6	988·4	988·0	987·4	989·7
16	987·0	986·7	986·3	986·2	986·2	986·3	986·7	986·8	986·9	987·1	987·4	987·8	987·9	987·8	987·9	988·1	988·5	989·4	989·8	990·0	990·6	990·6	990·8	991·4	988·0
17	991·5	991·6	991·5	991·3	991·4	991·5	991·7	992·0	991·8	991·6	991·5	991·4	990·9	990·6	990·5	990·2	990·3	990·3	990·4	990·1	990·2	990·3	990·1	990·0	991·0
18	989·9	989·9	989·4	988·9	988·4	987·8	987·9	987·7	987·7	987·0	987·2	986·7	986·3	985·8	985·5	985·2	985·2	985·4	985·4	985·1	984·5	984·0	983·4	983·0	986·7
19	982·6	982·1	981·3	980·5	980·0	979·5	978·9	978·7	978·9	979·0	979·1	979·2	979·9	980·0	980·0	980·0	980·2	980·7	981·1	981·6	982·1	982·3	982·4	982·5	980·5
20	982·5	982·4	982·3	982·1	982·1	982·1	982·1	982·2	982·1	981·8	981·6	981·4	981·0	980·5	980·2	979·6	979·2	979·2	979·4	979·7	979·7	979·8	979·6	979·3	981·0
21	978·7	978·7	978·3	977·8	977·2	976·7	976·8	976·7	976·6	976·2	976·0	975·3	975·1	974·6	974·3	974·2	974·1	974·3	974·4	974·4	974·5	974·5	974·5	974·4	975·9
22	974·3	973·8	973·1	972·6	972·3	971·8	971·7	971·5	971·5	971·3	970·9	970·6	970·3	970·3	970·2	969·5	969·6	969·8	969·0	969·9	969·9	969·8	969·5	969·2	971·1
23	968·5	968·1	967·1	966·2	965·2	964·1	963·3	962·2	961·3	960·4	959·7	958·8	958·1	957·2	956·7	956·3	956·1	956·2	956·2	956·2	956·2	956·3	956·3	956·6	960·4
24	957·0	957·1	957·3	957·5	957·8	958·4	959·2	959·7	960·6	961·4	961·8	962·3	962·8	962·8	963·0	963·2	963·3	963·8	964·0	964·2	964·4	964·5	964·3	964·2	961·3
25	964·1	964·0	963·7	963·6	963·6	963·8	963·9	964·1	964·4	964·4	964·5	964·5	964·5	964·6	965·0	965·0	965·1	965·6	965·9	966·5	966·7	966·7	966·9	967·0	964·9
26	967·1	967·2	967·4	967·4	967·5	967·7	967·9	968·2	968·6	969·1	969·1	969·5	969·8	969·8	970·1	970·6	970·8	971·5	972·1	972·8	973·3	973·7	973·9	974·0	969·8
27	974·4	974·5	974·5	974·6	975·0	975·2	975·7	976·2	976·7	976·9	977·2	977·3	977·5	977·5	977·8	977·9	978·0	978·6	979·1	979·6	979·9	980·0	980·4	980·6	977·2
28	980·7	980·7	980·7	980·7	980·8	981·1	981·6	982·1	982·2	982·3	982·2	982·2	982·1	982·2	982·2	982·5	982·8	983·0	983·5	983·8	984·1	984·4	984·7	984·8	982·3
29	985·2	985·4	985·7	986·0	986·4	986·7	987·1	987·4	987·6	987·9	988·5	988·8	989·0	989·2	989·4	989·6	990·2	991·0	991·5	992·2	992·7	993·2	993·6	993·9	988·9
30	994·2	994·7	995·0	995·5	995·9	996·4	996·9	997·2	997·3	997·7	998·0	997·8	997·4	997·1	996·4	996·5	996·6	996·4	996·5	996·7	996·7	996·7	996·7	996·5	996·5
31	996·6	996·7	996·6	996·5	997·0	997·2	997·5	997·7	997·8	997·9	997·9	997·9	997·9	998·1	998·2	998·2	998·2	998·4	998·8	999·2	999·4	999·5	999·6	999·6	**997·9**
Mean (Station level)	981 ·98	981 ·91	981 ·74	981 ·59	**981 ·58**	981 ·60	981 ·81	981 ·92	982 ·05	982 ·18	982 ·24	982 ·22	982 ·17	982 ·06	982 ·04	982 ·03	982 ·16	982 ·56	982 ·88	983 ·06	983 ·26	983 ·38	983 ·43	**983 ·48**	982 ·27
Mean (Sea level)	1011 ·73	1011 ·69	1011 ·54	1011 ·36	1011 ·39	1011 ·42	1011 ·58	1011 ·53	1011 ·46	1011 ·41	1011 ·35	1011 ·25	1011 ·15	1011 ·01	**1010 ·98**	1011 ·01	1011 ·23	1011 ·85	1012 ·29	1012 ·54	1012 ·83	1013 ·00	1013 ·11	**1013 ·22**	1011 ·71

114. Eskdalemuir : H_b = 237·3 metres. **April, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	999·4	999·2	999·2	999·2	999·2	999·3	999·3	999·6	999·7	999·8	999·8	999·7	999·6	999·4	999·2	999·2	999·3	999·5	999·6	999·7	999·8	999·8	999·8	999·6	999·5
2	999·5	999·4	999·3	999·4	999·4	999·4	999·4	999·5	999·7	999·8	999·8	999·7	999·4	999·1	998·7	998·4	998·2	998·3	998·5	998·7	998·9	999·0	998·9	999·1	999·1
3	998·8	998·5	998·2	998·2	998·2	998·0	998·2	998·1	998·1	998·0	997·6	997·3	997·0	996·4	996·3	996·2	996·4	996·6	996·7	996·9	997·1	997·3	997·3	997·4	997·5
4	997·2	997·2	997·1	997·1	997·3	997·6	998·1	998·0	998·3	998·3	998·1	997·8	997·9	997·9	997·9	997·7	997·6	997·6	997·8	998·1	998·2	998·2	998·3	998·3	997·8
5	998·3	998·1	997·7	997·5	997·4	997·3	997·3	997·1	997·0	996·7	996·3	995·2	995·6	994·8	994·4	993·6	993·3	993·1	993·2	993·1	993·3	993·1	993·1	992·8	995·5
6	992·6	992·3	992·2	991·9	991·8	991·8	992·1	991·7	991·4	991·3	991·1	990·7	990·2	989·4	988·8	988·2	988·1	987·7	987·6	987·2	987·0	986·9	986·8	986·2	989·9
7	985·9	985·4	984·1	983·6	983·6	983·0	982·5	982·3	982·2	981·1	980·5	980·0	979·3	978·5	977·9	977·0	976·3	975·7	975·7	975·6	975·2	974·3	973·2	973·1	979·7
8	972·8	972·5	972·0	971·8	971·8	971·3	971·4	971·2	971·0	970·8	970·2	970·0	969·9	969·6	969·6	969·5	969·3	969·3	969·4	969·4	969·7	969·9	969·7	969·4	970·6
9	969·4	969·4	969·3	969·3	969·3	969·4	969·4	969·6	969·7	969·8	969·8	969·8	969·7	969·5	969·5	969·7	969·8	969·9	970·2	970·4	970·4	970·5	970·6	970·5	969·8
10	970·3	970·3	970·3	970·3	970·4	970·6	970·7	971·0	971·5	972·4	972·6	972·6	972·6	972·7	973·2	973·7	974·7	975·1	975·8	976·2	976·8	976·9	977·0	977·2	973·0
11	977·2	977·3	977·2	977·0	976·8	976·8	976·8	976·7	976·4	975·8	975·6	975·1	974·6	974·1	973·9	973·7	973·3	973·1	972·8	972·7	972·3	972·0	971·7	971·3	974·9
12	970·8	970·3	969·9	969·4	969·2	969·0	969·0	969·0	969·1	968·9	968·8	968·7	968·5	968·5	968·4	968·6	969·1	969·3	970·1	970·6	971·1	971·7	972·1	972·4	969·7
13	972·7	972·8	973·1	973·1	973·2	973·5	973·9	973·9	973·8	973·8	973·8	973·8	973·3	973·2	972·7	972·6	972·0	971·4	971·1	970·7	970·1	969·6	969·5	968·8	972·4
14	968·1	967·2	966·4	965·6	964·9	964·0	963·7	963·3	962·9	962·8	962·8	962·9	963·5	964·0	964·9	965·8	967·6	968·8	969·7	970·4	971·1	971·3	965·8
15	971·6	971·7	971·7	971·9	971·9	972·2	972·5	972·9	973·0	972·9	973·3	973·6	973·7	974·4	974·3	974·4	974·7	975·2	976·1	976·5	977·1	977·6	978·1	978·4	974·0
16	978·7	979·0	979·2	979·4	979·9	980·3	980·7	980·9	981·4	981·8	982·2	983·2	983·9	984·1	984·5	985·0	985·6	986·5	987·5	988·4	989·1	989·5	990·0	990·3	983·5
17	990·8	991·1	991·3	991·9	992·5	993·0	993·3	993·8	993·9	994·0	994·2	994·4	994·6	994·8	994·9	994·9	995·2	995·3	995·8	996·0	996·1	996·2	996·4	996·5	994·1
18	996·1	996·0	995·9	995·8	995·3	995·6	995·6	995·2	995·3	995·4	995·0	994·9	994·5	994·8	995·0	994·6	994·7	994·6	994·7	994·9	995·2	995·2	995·0	995·3	995·2
19	995·5	995·5	996·0	996·4	997·2	997·9	998·3	999·1	999·3	999·5	000·1	000·5	000·6	000·8	001·1	001·1	001·2	001·3	001·8	002·1	002·2	002·2	002·0	001·8	999·6
20	002·1	001·5	001·7	001·5	001·5	001·4	001·6	002·0	001·8	001·7	001·9	001·5	001·7	001·1	001·2	000·8	000·2	999·3	999·1	999·6	999·6	999·2	998·6	997·9	**000·7**
21	997·7	997·3	997·2	996·7	996·5	996·2	996·5	996·7	996·1	994·9	995·7	995·7	995·2	994·7	994·5	994·7	994·5	994·2	994·0	993·7	993·1	992·4	991·6	991·1	995·2
22	990·4	988·8	987·9	987·1	986·6	985·8	985·3	984·9	984·5	984·9	984·7	984·4	984·2	983·5	983·1	982·3	982·0	982·1	982·2	982·3	982·4	982·3	982·2	982·0	984·6
23	981·6	981·4	981·2	981·1	981·0	980·7	980·3	980·1	979·8	979·5	979·3	978·9	978·7	978·3	978·2	977·8	977·5	977·2	977·0	977·0	977·0	977·1	976·8	976·7	979·0
24	976·1	976·8	976·4	975·1	975·0	974·8	974·6	974·6	974·7	974·2	974·1	973·7	973·3	973·0	972·1	971·2	970·6	969·8	969·2	969·0	968·8	968·9	969·0	969·3	972·8
25	969·3	969·9	970·1	970·1	971·0	971·6	971·8	972·0	971·9	971·7	971·5	971·5	971·3	971·0	970·6	970·5	970·3	970·2	970·1	970·0	970·1	969·9	969·9	969·5	970·7
26	969·3	969·1	968·8	968·4	967·9	967·6	967·1	966·5	965·8	964·8	964·0	963·4	963·2	962·3	961·7	961·8	961·6	961·6	961·7	961·6	961·6	961·6	961·7	961·8	964·5
27	961·7	961·9	962·2	963·6	964·4	965·4	965·9	966·5	966·4	966·4	966·3	966·1	965·7	964·7	963·7	963·1	962·4	961·9	961·5	961·4	961·5	961·9	962·5	962·8	**963·7**
28	963·0	963·4	963·6	964·0	964·3	964·3	964·4	964·1	964·2	964·0	963·9	963·8	963·7	963·5	963·9	964·2	964·7	965·6	966·5	967·5	968·2	969·0	969·2	964·8
29	969·5	970·0	970·5	970·8	971·2	971·4	971·8	972·0	971·9	971·9	972·0	971·7	971·1	971·2	970·6	970·4	970·2	970·1	970·1	970·0	969·9	970·1	970·1	970·8
30	969·8	969·7	969·6	969·0	969·0	969·2	969·3	969·4	969·5	969·5	969·8	970·2	970·6	970·8	971·6	971·8	972·6	973·1	973·7	974·4	974·8	975·5	976·2	976·4	971·6
Mean (Station level)	**981 ·87**	981 ·77	981 ·64	981 ·54	981 ·59	981 ·62	981 ·71	981 ·73	981 ·68	981 ·56	981 ·48	981 ·36	981 ·19	980 ·98	980 ·81	980 ·68	**980 ·66**	980 ·68	980 ·90	981 ·06	981 ·18	981 ·22	981 ·25	981 ·22	981 ·32
Mean (Sea level)	**1011 ·25**	1011 ·15	1011 ·04	1010 ·98	1011 ·01	1011 ·02	1011 ·11	1010 ·66	1010 ·66	1010 ·46	1010 ·31	1010 ·15	1009 ·92	1009 ·68	1009 ·50	**1009 ·43**	1009 ·47	1009 ·56	1009 ·93	1010 ·18	1010 ·38	1010 ·47	1010 ·55	1010 ·54	1010 ·40
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

115. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	m b.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	976·7	976·9	977·1	977·3	977·9	978·4	978·6	978·8	979·0	979·3	979·4	979·5	979·5	979·6	979·4	979·5	979·3	979·3	979·4	979·5	979·4	979·4	979·3	978·9	978·8
2	978·5	978·1	977·5	976·9	976·4	976·2	976·0	975·5	975·3	974·6	974·2	973·7	973·3	973·0	972·6	972·2	972·0	971·7	971·7	971·6	971·7	971·8	971·9	972·0	974·2
3	972·0	972·2	972·4	972·4	972·9	973·3	973·8	974·3	974·8	975·2	975·7	976·0	976·8	977·2	977·5	978·0	978·2	979·0	979·6	980·3	981·1	981·7	982·4	983·1	976·4
4	983·3	983·8	983·9	984·4	984·7	985·4	985·6	986·1	986·3	986·4	986·3	986·3	986·2	985·7	985·2	984·9	984·3	983·9	983·5	983·0	982·3	981·7	981·1	980·0	984·4
5	979·2	978·1	977·4	977·0	976·8	977·0	977·2	977·3	977·3	977·3	977·2	976·8	976·8	976·4	976·3	976·4	977·1	977·2	977·9	978·3	978·6	978·7	978·7	978·7	977·5
6	978·4	978·3	978·1	977·8	977·8	977·9	978·4	978·4	978·4	978·1	977·5	977·6	977·2	977·0	976·8	976·4	976·2	975·7	975·5	975·1	975·1	974·5	974·2	973·7	976·9
7	973·2	972·5	972·0	971·5	971·4	971·4	971·4	971·3	971·2	970·8	970·6	970·5	970·6	970·7	970·7	970·4	970·5	970·4	970·4	970·6	971·2	971·2	971·3	971·1	971·2
8	971·0	970·9	970·9	970·8	971·3	971·6	972·3	972·8	973·4	973·9	974·9	975·4	976·3	977·0	977·7	978·5	979·9	981·4	982·2	982·5	983·2	984·2	985·1	985·5	976·5
9	985·8	986·4	986·2	987·5	988·3	988·7	989·0	989·1	989·2	989·2	989·1	989·3	989·1	989·0	988·9	988·5	988·4	987·7	987·5	987·1	986·2	985·5	984·6	983·7	987·7
10	982·5	981·3	980·3	979·3	979·0	978·6	978·6	978·6	978·5	978·5	978·4	978·3	978·4	978·6	978·8	978·9	979·3	979·4	979·6	979·5	979·2	979·3	979·0	978·8	979·3
11	978·6	978·2	977·8	977·8	977·8	977·7	977·7	977·4	977·5	977·3	977·2	977·6	977·7	977·6	977·6	977·7	978·3	978·7	979·2	979·6	980·0	980·3	980·6	980·5	978·3
12	980·4	980·4	980·7	980·9	981·2	981·6	981·9	982·4	982·8	982·6	982·6	982·5	982·8	983·0	983·1	983·1	983·2	983·3	983·2	983·5	983·8	983·5	983·1	982·9	982·4
13	981·9	981·0	980·4	979·3	978·6	977·9	977·5	977·2	977·1	977·3	978·0	979·3	981·1	981·9	982·8	983·6	984·0	984·8	985·3	986·2	986·9	987·4	987·4	987·9	981·8
14	987·8	987·5	987·1	986·9	986·5	986·6	986·6	986·2	986·4	985·5	985·1	984·6	984·4	983·9	983·9	984·0	983·9	984·4	984·6	985·0	985·3	985·3	985·5	985·6	985·6
15	985·7	985·8	985·7	986·0	986·1	986·5	987·0	987·3	987·4	987·8	987·9	988·1	988·1	988·1	988·0	987·9	987·7	987·2	987·0	987·0	986·9	986·5	986·1	985·7	987·0
16	985·2	984·9	984·5	984·3	984·3	983·9	983·7	983·6	983·8	983·7	984·3	984·7	985·5	986·1	987·1	987·4	988·4	989·3	990·0	991·3	992·0	992·5	993·0	993·1	986·8
17	993·3	993·5	993·5	993·7	994·0	994·2	994·2	994·4	994·5	994·8	994·5	994·2	993·7	993·6	993·2	992·9	992·7	992·3	992·0	992·0	991·9	991·7	991·6	991·1	**993·3**
18	990·7	990·5	990·1	989·5	989·5	989·1	989·0	988·7	987·9	987·6	986·9	986·3	985·5	984·8	984·1	983·3	982·3	982·2	982·0	981·9	981·9	981·7	981·7	981·5	986·0
19	981·3	981·2	981·0	981·0	981·0	981·1	981·4	981·6	981·7	981·7	981·8	982·2	982·1	982·4	982·2	982·2	982·2	982·6	982·9	983·1	983·4	983·5	983·7	983·7	982·1
20	983·7	983·2	982·7	982·5	983·0	983·1	983·3	983·3	983·4	983·0	983·3	983·1	982·9	982·6	982·5	982·0	981·7	981·7	981·2	981·6	981·7	981·2	981·2	980·8	982·5
21	980·6	980·2	979·6	979·5	979·6	979·8	979·9	980·0	980·1	979·9	979·6	979·3	979·1	979·6	979·4	979·3	978·8	978·9	979·1	979·2	979·5	979·4	979·6	979·3	979·6
22	978·8	978·4	977·6	977·2	977·1	977·2	977·6	978·0	978·4	978·7	979·0	979·0	978·8	978·6	978·1	977·9	978·0	977·2	977·3	977·1	977·4	976·9	977·0	976·6	977·9
23	976·4	976·1	975·8	975·5	975·6	975·6	975·5	975·6	975·8	975·7	975·6	975·8	974·2	973·6	972·9	972·2	971·7	971·4	971·5	971·4	971·4	971·3	970·7	970·6	974·0
24	970·4	969·6	969·3	969·2	969·1	968·9	968·4	968·1	967·7	966·9	966·4	966·1	966·0	965·8	965·4	965·1	965·3	965·5	965·6	965·8	965·6	965·8	965·7	965·8	**967·1**
25	965·7	965·6	965·3	965·3	965·4	965·6	965·9	965·9	966·4	966·5	966·8	967·2	967·3	967·9	968·5	968·4	968·8	969·0	968·8	970·5	971·4	971·7	972·4	973·3	967·7
26	973·7	974·3	974·7	975·2	975·5	976·2	976·5	976·9	977·5	977·7	977·9	978·4	978·7	978·9	979·3	979·4	979·4	979·5	979·6	979·9	979·8	979·7	979·5	979·2	977·7
27	978·7	978·3	977·8	977·3	977·2	977·2	978·0	979·1	979·7	980·2	981·0	981·7	982·4	983·0	983·3	983·8	984·1	984·6	984·9	985·3	985·8	986·0	986·2	986·6	981·6
28	986·8	987·1	987·3	987·5	987·6	987·6	988·2	988·6	988·8	989·0	989·1	989·2	989·4	989·5	989·6	989·7	989·4	989·3	989·2	989·3	989·5	989·6	989·6	989·6	988·7
29	989·1	988·8	988·5	988·1	987·8	987·6	987·4	987·1	986·8	986·3	985·8	985·2	984·7	983·6	983·2	982·8	982·4	982·1	982·0	982·0	982·3	981·8	981·5	981·3	985·1
30	980·8	980·5	980·2	980·0	980·2	980·2	980·5	980·9	981·2	981·6	982·0	982·5	983·1	983·5	983·5	984·2	984·2	984·5	984·9	985·2	985·5	985·7	986·0	986·1	982·7
31	986·1	986·0	986·0	985·9	986·2	986·0	986·0	985·8	985·7	985·5	985·3	985·6	985·0	984·9	984·6	984·7	984·5	984·1	983·8	983·7	983·8	983·3	982·3	982·0	984·9
Mean (Station level)	980·53	980·31	980·05	**979·92**	979·99	980·07	980·23	980·33	980·45	980·41	980·43	980·52	980·54	980·55	980·52	980·49	980·52	980·59	980·69	980·91	**981·09**	981·06	981·03	980·93	980·50
Mean (Sea level)	1009·40	1009·16	1008·89	**1008·78**	1008·84	1008·89	1008·97	1009·00	1009·05	1008·95	1008·92	1008·96	1008·95	1008·96	1008·92	1008·91	1009·02	1009·14	1009·31	1009·63	1009·88	**1009·90**	1009·88	1009·78	1009·17

116. Eskdalemuir : H_b = 237·3 metres. **June, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	981·2	980·6	980·1	979·4	979·2	978·9	978·7	978·9	978·8	979·2	979·6	979·6	980·6	980·5	981·6	982·1	982·7	983·3	983·4	984·1	984·5	985·1	985·4	985·5	981·3
2	985·5	985·6	985·7	985·8	986·0	986·3	986·7	986·8	987·1	987·5	987·8	988·0	988·4	988·4	988·4	988·7	988·6	988·7	989·1	989·3	989·9	990·2	990·3	990·4	987·8
3	990·4	990·3	990·3	990·1	990·2	990·2	990·2	990·2	989·9	989·7	989·3	989·1	989·0	988·7	988·6	988·1	987·8	987·7	987·6	987·9	988·1	988·2	987·8	987·5	989·1
4	987·4	987·5	987·4	986·9	986·6	986·6	986·6	986·5	986·1	985·5	985·3	985·2	985·1	985·0	985·0	985·0	985·1	985·5	986·0	986·4	986·7	987·1	987·2	987·2	986·2
5	987·7	987·8	987·7	987·7	987·8	988·1	988·2	988·0	987·8	987·9	988·1	988·0	988·0	988·2	988·1	988·2	988·2	988·2	988·4	988·4	988·6	989·0	988·9	988·6	988·1
6	988·5	988·1	987·7	987·6	987·5	987·7	987·6	987·6	987·5	987·5	987·4	987·4	987·5	987·4	987·2	987·1	987·1	987·1	987·0	986·9	987·0	987·2	987·0	987·0	987·4
7	987·0	987·1	987·1	987·2	987·1	987·3	987·3	987·6	987·5	987·3	987·2	986·8	986·6	985·9	985·3	984·7	984·1	983·6	983·3	982·9	982·6	982·4	982·1	981·5	985·6
8	981·0	980·5	980·3	979·7	979·5	979·5	979·5	979·5	979·6	979·7	979·6	979·6	979·9	980·1	980·3	980·3	980·5	980·6	980·9	981·2	982·0	982·0	982·2	982·3	980·4
9	982·3	982·5	982·5	982·2	982·6	983·0	983·4	983·7	983·7	983·6	983·6	983·9	983·7	983·4	983·4	983·2	983·1	983·1	983·0	982·7	982·6	982·1	981·5	981·1	982·9
10	980·9	980·4	979·7	979·1	978·8	978·7	978·5	978·5	978·5	978·5	978·0	978·0	978·0	977·5	977·3	976·8	976·3	975·8	975·8	975·2	974·8	974·2	973·4	973·1	977·5
11	972·5	972·0	971·8	971·4	970·9	970·5	970·4	970·2	970·0	969·6	969·2	969·0	968·9	968·8	968·6	968·4	968·2	968·2	968·2	968·5	968·9	969·0	969·3	969·6	**969·7**
12	969·9	970·1	970·6	971·2	971·6	972·1	972·5	972·7	973·3	973·6	974·0	975·0	975·8	976·8	977·7	979·2	980·0	981·0	981·5	983·3	983·7	985·7	985·9	987·3	976·5
13	987·5	988·2	988·9	989·2	989·9	990·9	991·4	992·1	992·3	992·5	992·9	993·2	993·5	993·8	994·1	994·2	994·3	994·5	994·9	995·5	995·7	996·3	996·5	996·4	992·7
14	996·5	996·6	996·6	996·6	996·4	996·7	996·7	996·6	996·5	996·2	996·0	995·8	995·6	995·4	995·3	994·9	995·0	995·0	995·0	994·9	994·9	994·6	994·3	993·9	**995·7**
15	993·4	993·1	992·8	992·6	992·4	992·2	992·0	991·9	991·7	991·3	991·5	991·4	991·2	990·9	990·7	990·3	989·9	989·9	989·7	989·6	989·4	989·1	988·8	988·7	991·1
16	988·5	988·3	987·9	987·9	987·8	988·0	988·0	988·0	987·9	987·6	987·5	987·5	987·2	987·2	987·3	987·2	987·0	986·9	986·9	987·1	987·6	987·7	987·6	987·6	987·6
17	987·3	986·8	986·6	986·6	986·3	986·3	986·3	986·2	986·1	985·6	984·9	984·2	983·7	983·1	982·3	982·0	981·8	981·5	981·2	981·5	981·0	980·3	980·1	980·0	984·0
18	980·1	978·7	977·7	977·8	978·4	978·5	978·6	979·4	979·7	979·7	979·6	979·5	979·6	979·8	979·7	979·8	979·8	980·4	981·0	981·6	982·0	982·0	981·9	982·0	979·8
19	981·8	981·6	981·5	981·1	981·0	980·8	980·9	981·0	980·7	980·8	980·9	980·8	981·2	981·4	981·5	981·7	981·8	982·3	982·5	983·3	983·9	984·2	984·7	984·9	981·9
20	985·1	985·2	985·2	985·8	986·2	986·4	986·6	986·8	986·7	987·0	987·3	987·5	987·9	988·2	988·1	988·0	988·1	988·3	988·8	989·4	989·8	989·6	989·8	989·9	987·5
21	989·9	989·6	989·3	989·4	989·0	988·9	988·8	988·7	988·6	988·5	988·4	988·3	988·1	988·0	988·2	988·2	988·4	988·5	988·9	989·2	989·6	989·8	990·0	990·0	988·9
22	990·2	990·3	990·3	990·4	990·7	991·1	991·4	991·4	991·6	991·8	992·0	992·1	992·0	992·4	992·2	992·3	992·4	992·6	992·8	993·3	993·6	993·8	994·0	994·1	991·9
23	994·2	994·1	993·3	993·4	993·3	993·1	993·1	993·3	993·2	993·0	993·1	993·0	992·7	992·3	992·2	991·7	991·3	991·3	991·4	991·3	991·2	991·1	990·6	990·2	992·5
24	990·2	990·1	990·0	990·2	990·8	991·1	991·9	992·1	992·6	992·7	992·7	993·0	993·1	992·9	993·2	993·2	993·2	993·5	993·8	994·1	994·6	994·5	994·5	994·5	992·5
25	994·3	994·3	994·5	994·6	994·9	994·9	994·7	994·9	995·0	994·9	994·7	994·6	994·4	994·3	994·3	994·0	994·3	994·1	994·1	994·1	994·4	994·1	993·6	993·5	994·0
26	993·4	993·0	992·6	992·5	992·3	992·2	992·2	992·0	991·6	991·5	991·4	990·7	990·7	990·0	989·8	989·4	989·0	988·6	988·2	987·3	986·5	986·0	985·3	984·6	990·2
27	984·0	982·8	982·1	983·3	984·0	984·6	985·6	986·2	986·6	986·6	986·9	987·0	987·3	987·5	987·9	988·1	988·2	988·2	988·2	988·6	988·8	989·1	989·3	989·2	986·6
28	989·1	988·9	988·3	988·0	987·6	987·6	987·2	986·9	986·3	985·5	985·1	984·3	983·6	982·4	982·1	981·3	980·7	980·2	979·5	979·0	978·7	978·2	977·9	977·4	983·8
29	977·1	976·8	976·2	975·6	974·9	974·4	973·8	973·9	974·3	974·2	974·5	974·4	974·5	974·1	974·3	974·1	974·3	974·6	974·7	974·7	974·6	974·5	975·3	975·1	974·8
30	975·1	975·1	975·2	975·6	976·2	977·1	978·0	979·1	979·7	980·4	981·1	981·6	982·3	982·9	983·6	984·0	984·3	984·7	985·0	985·1	985·6	985·8	985·7	986·1	981·0
Mean (Station level)	985·73	985·53	985·33	**985·30**	985·33	985·46	985·56	985·69	985·70	985·65	985·65	985·62	985·67	985·58	985·61	985·54	985·52	985·60	985·69	985·88	986·04	**986·10**	986·03	985·97	985·65
Mean (Sea level)	1014·48	1014·30	1014·12	1014·11	1014·11	1014·17	1014·15	1014·20	1014·14	1014·03	1014·00	1013·93	1013·95	1013·73	**1013·72**	1013·76	1013·78	1013·92	1014·08	1014·37	1014·63	**1014·76**	1014·73	1014·70	1014·15
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Mean	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

117. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **July, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	985·9	985·8	985·6	985·3	985·2	985·1	985·2	985·2	985·2	985·0	984·8	984·3	984·1	983·4	982·9	982·3	981·6	980·8	979·8	979·0	978·2	977·2	975·9	974·3	982·8
2	972·8	971·4	970·3	969·0	967·9	967·3	966·6	966·4	966·0	965·5	965·0	964·7	964·2	964·2	963·7	963·5	963·2	962·9	962·9	962·9	963·0	962·9	963·1	963·3	965·8
3	963·3	963·4	963·6	963·7	963·7	963·7	963·6	963·8	963·9	963·8	963·6	963·2	962·9	962·4	962·1	960·9	959·7	958·5	957·5	956·9	956·5	956·8	957·0	958·6	**961·5**
4	960·5	961·8	963·1	963·6	964·8	965·2	965·9	966·6	967·5	968·3	968·6	968·9	969·2	969·2	969·3	969·2	968·9	968·7	968·7	968·4	968·2	968·2	968·1	968·1	966·8
5	958·4	958·7	969·2	970·0	970·6	971·5	972·0	972·4	973·1	973·4	974·0	974·4	975·0	975·6	975·5	975·1	975·1	975·3	975·0	974·7	974·0	973·2	972·3	971·8	972·9
6	971·1	970·7	970·4	970·4	970·7	971·5	972·6	972·7	975·0	975·6	976·5	977·1	977·6	978·4	979·1	979·4	979·7	980·0	980·4	980·1	980·0	979·5	979·0	978·6	975·9
7	978·0	977·5	977·2	976·7	976·8	976·8	976·6	976·6	976·8	976·8	977·0	977·0	977·3	977·6	978·4	979·1	980·0	980·6	980·7	981·9	982·6	983·1	984·0	984·2	978·8
8	984·5	985·2	985·3	985·6	986·0	986·1	986·2	986·3	986·5	986·3	986·4	986·5	986·6	986·8	986·7	986·7	986·7	986·8	986·7	986·7	986·8	986·5	986·3	986·1	986·2
9	985·0	986·1	986·1	986·4	986·5	986·9	987·1	987·3	987·3	987·7	988·0	988·2	988·6	989·0	989·2	989·3	989·6	990·0	990·3	990·7	991·2	991·2	991·4	991·5	988·5
10	991·4	991·4	991·3	991·2	991·4	990·9	991·0	990·6	990·2	990·1	990·1	989·9	989·8	989·7	989·2	988·9	989·3	989·1	989·2	989·1	989·3	989·7	989·6	989·2	990·1
11	989·3	989·3	989·4	989·3	989·5	989·9	990·1	990·6	990·8	991·0	991·1	991·4	991·5	991·6	991·4	991·5	991·8	991·8	991·6	991·5	991·6	991·7	991·3	991·1	990·8
12	990·5	989·8	989·2	988·6	988·1	987·4	987·2	986·5	986·0	985·2	983·9	982·8	982·1	981·0	979·8	979·1	978·4	978·8	979·1	979·4	979·6	980·1	980·3	980·2	983·7
13	980·0	980·7	980·6	980·3	980·7	980·8	981·0	981·0	981·0	981·2	981·5	982·0	982·6	983·3	983·7	984·9	985·5	986·5	987·4	988·7	989·4	990·4	991·0	991·5	983·7
14	991·4	991·5	991·6	992·2	992·6	992·9	993·5	993·5	993·9	994·3	994·3	994·6	994·6	994·5	994·2	994·3	994·3	994·2	994·2	993·5	993·4	993·4	993·3	992·9	**993·4**
15	992·3	991·7	991·1	990·7	990·2	990·3	990·3	989·9	989·7	989·9	989·2	989·1	988·5	987·9	987·4	986·7	985·8	985·2	984·4	983·7	983·2	982·7	982·2	981·6	987·9
16	980·8	979·7	979·1	978·7	978·2	977·6	977·3	977·4	977·1	977·0	977·1	977·0	977·0	977·0	977·2	977·5	977·7	978·1	978·5	978·7	979·0	979·1	978·8	978·7	978·2
17	978·8	978·6	979·0	978·8	978·8	978·6	978·8	978·9	978·8	978·4	978·4	978·2	977·9	977·9	978·0	977·8	977·7	977·7	977·7	978·0	978·0	978·0	977·9	978·1	978·3
18	978·2	978·2	978·5	978·7	978·9	979·2	979·3	979·6	979·7	979·9	979·9	980·0	980·1	980·1	980·3	980·3	980·6	980·7	980·9	981·2	981·3	981·3	981·4	981·3	979·9
19	981·4	981·2	981·5	981·7	982·0	982·4	982·5	982·6	982·5	982·4	982·1	981·1	982·2	982·3	982·4	982·4	982·8	983·0	983·5	983·9	984·4	984·7	984·8	985·0	982·6
20	985·2	985·3	985·5	985·5	985·8	986·1	986·5	986·7	986·7	986·9	986·9	986·8	986·6	987·5	987·3	987·1	987·4	987·6	987·8	988·2	988·4	988·7	988·7	988·8	986·9
21	989·0	989·1	988·8	988·6	988·7	989·0	989·1	989·3	989·1	989·0	988·6	988·5	988·6	988·6	988·5	988·3	988·3	988·4	988·3	988·4	988·4	988·3	988·2	987·8	988·6
22	987·5	987·2	987·4	987·1	986·6	986·5	986·6	986·2	985·8	985·5	985·3	984·9	984·6	984·4	984·4	983·9	983·1	983·1	983·1	983·0	983·0	982·5	982·3	982·1	985·0
23	981·7	981·7	981·2	981·1	981·1	981·1	981·3	981·2	981·1	980·3	980·0	980·5	980·0	979·5	979·2	978·8	978·4	978·2	978·4	978·9	979·2	979·4	979·2	979·2	980·1
24	979·2	979·3	979·2	978·8	978·5	978·3	978·2	978·2	977·8	978·2	978·4	978·5	978·5	978·8	979·1	979·4	979·6	979·8	980·7	981·6	982·3	982·4	983·4	983·4	979·6
25	983·5	983·7	983·8	984·0	984·1	984·4	984·1	984·3	984·1	983·9	983·8	983·7	983·7	983·6	983·4	983·1	983·0	982·8	983·0	983·4	983·8	983·9	984·2	984·3	983·7
26	984·5	984·7	984·8	984·9	985·2	985·5	985·8	986·1	986·2	986·5	986·6	986·8	986·6	986·7	987·1	987·3	987·4	987·9	988·3	988·5	988·6	988·6	988·7	988·7	986·7
27	988·7	988·5	988·5	988·3	988·3	988·2	988·0	988·0	987·7	987·3	987·0	986·7	986·4	986·0	985·5	985·0	984·7	984·2	983·9	983·8	983·3	982·6	982·0	981·4	986·2
28	980·5	979·5	978·8	977·9	977·0	976·3	976·1	975·6	974·9	974·6	974·0	973·3	972·5	971·9	971·5	970·9	970·3	969·9	969·8	969·7	969·5	969·4	969·4	969·3	973·7
29	969·3	969·4	969·4	969·9	970·2	970·8	971·6	972·3	972·9	973·2	973·7	974·0	974·4	975·0	975·1	975·6	975·9	976·2	976·4	976·8	977·0	977·2	977·6	977·9	973·6
30	977·4	977·5	977·6	977·6	977·5	977·6	977·6	977·6	977·6	977·3	977·2	977·2	977·2	977·1	977·1	977·2	977·1	977·0	977·4	977·8	978·3	978·5	978·5	978·4	977·5
31	978·6	978·5	978·5	978·5	978·8	979·2	979·5	979·7	980·2	980·0	980·3	980·4	980·4	980·7	980·9	981·0	981·2	980·9	980·6	980·5	980·7	980·7	980·4	980·2	980·0
Mean ... (Station level)	980·96	980·87	980·83	**980·75**	980·79	980·87	981·01	981·07	**981·13**	981·11	981·07	981·02	981·01	981·02	980·95	980·85	980·80	980·80	980·85	980·95	981·04	981·02	980·98	980·89	980·95
Mean ... (Sea level) ...	1009·38	1009·34	1009·33	1009·26	1009·26	1009·29	1009·34	1009·32	1009·31	1009·22	1009·13	1009·04	1009·01	1009·04	1008·98	1008·88	**1008·88**	1008·92	1009·04	1009·21	1009·37	**1009·39**	1009·36	1009·30	1009·20

118. Eskdalemuir : H_b = 237·3 metres. **August, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	980·3	979·8	979·8	979·6	979·4	979·5	979·6	979·5	979·2	979·1	979·0	978·7	978·2	978·2	977·7	977·5	977·5	977·1	976·6	976·4	976·1	975·7	975·5	975·4	978·2
2	975·4	975·5	975·5	975·6	976·0	976·5	977·2	977·5	977·8	977·9	978·3	978·5	979·0	979·4	979·8	979·8	980·2	980·8	982·3	983·1	983·8	984·4	984·5	984·4	979·1
3	984·6	984·7	984·8	984·7	984·3	984·2	984·0	983·9	983·6	983·2	983·1	982·4	981·9	981·6	980·7	980·2	979·8	979·3	979·0	978·9	978·8	978·8	978·9	978·9	982·0
4	978·7	978·4	978·4	978·2	978·5	979·0	979·0	978·9	979·0	978·8	979·0	979·1	979·3	979·4	979·2	979·2	979·1	979·3	979·2	979·4	979·3	978·7	978·1	977·6	978·9
5	976·8	975·9	975·4	974·6	973·7	973·6	973·4	973·1	972·9	973·6	974·0	974·5	975·1	976·0	976·6	977·5	977·9	979·4	981·5	982·3	982·9	983·2	984·0	984·7	977·0
6	984·3	985·0	985·3	985·2	985·3	985·5	985·9	986·1	986·0	985·4	985·5	985·6	985·8	985·6	985·9	986·1	986·4	986·4	987·0	987·3	988·1	988·6	989·0	989·2	986·2
7	989·3	989·4	989·4	989·5	989·8	990·0	990·5	990·7	990·9	991·4	991·9	991·7	992·2	992·8	993·1	993·5	993·8	994·4	995·0	995·8	996·4	996·8	997·2	997·5	992·5
8	997·8	997·8	998·1	998·4	998·9	999·3	999·5	999·7	999·6	000·0	000·1	000·2	000·2	000·3	000·4	000·7	000·6	000·8	001·0	001·2	001·6	001·7	001·7	001·6	000·0
9	001·5	001·5	001·4	001·2	001·2	001·2	001·0	001·1	000·8	001·0	000·9	000·5	000·3	999·9	999·6	999·3	999·0	998·5	998·5	998·6	998·7	998·4	998·1	997·6	**000·1**
10	997·0	996·6	996·3	996·0	995·9	995·7	995·3	995·1	994·5	994·0	993·4	993·0	992·3	991·8	991·0	990·5	989·5	989·1	988·7	988·6	988·3	987·4	986·8	986·1	992·4
11	985·1	984·3	983·6	982·9	982·2	981·5	981·2	980·9	981·0	980·6	980·0	979·5	978·7	978·0	977·6	977·1	976·6	976·3	976·0	975·9	975·7	975·4	975·0	974·6	979·4
12	974·2	973·5	973·4	973·0	973·1	973·1	973·3	973·4	973·5	973·3	973·4	973·4	973·2	973·3	973·3	973·7	973·8	973·9	974·4	975·1	975·2	975·7	975·9	976·0	973·9
13	976·0	976·1	976·1	976·2	976·7	977·0	977·7	978·1	978·4	978·6	978·6	978·4	978·6	978·7	979·5	979·4	979·8	979·7	980·2	980·1	980·0	980·1	980·0	980·0	978·4
14	979·3	979·6	979·1	978·9	978·6	978·8	978·6	978·4	978·0	977·4	976·9	976·4	976·1	975·6	975·2	974·9	974·6	974·5	974·8	975·2	975·8	976·6	976·8	976·8	977·0
15	977·0	977·1	977·3	977·6	978·3	978·5	979·0	979·1	979·1	979·1	979·1	979·1	979·3	979·3	979·3	979·2	979·2	979·1	979·0	978·8	978·5	977·9	977·5	976·9	978·5
16	976·2	975·7	975·0	974·5	974·3	974·0	973·6	973·1	972·6	971·7	971·4	971·1	970·7	970·1	970·0	969·8	969·9	970·1	970·1	970·4	970·5	970·6	970·4	970·1	972·1
17	969·8	969·4	969·3	968·8	968·3	967·7	967·1	966·4	965·8	965·0	963·9	963·1	962·0	961·2	961·2	960·2	959·6	959·3	959·2	959·5	959·8	959·9	960·2	960·8	963·8
18	961·0	961·4	962·1	962·6	962·7	963·2	963·9	964·2	964·6	964·7	964·9	965·1	965·4	965·5	966·0	966·2	966·4	966·8	967·2	967·3	967·3	967·4	967·2	967·3	964·9
19	967·4	967·2	966·8	966·6	966·4	966·3	966·1	966·1	965·8	965·8	965·6	965·6	965·8	965·8	965·9	965·7	965·7	965·7	965·8	965·8	965·7	965·7	965·6	965·3	966·1
20	965·1	965·0	964·5	964·3	964·1	964·0	964·1	964·2	964·2	964·1	964·1	963·9	963·9	963·7	963·5	963·0	962·6	962·4	961·9	961·8	961·9	961·9	962·0	961·9	**963·5**
21	961·9	961·7	961·5	961·4	961·5	961·7	962·1	962·6	962·9	963·2	963·4	963·7	964·0	964·1	964·2	964·5	964·9	965·3	965·9	966·5	966·9	967·1	967·4	967·6	963·9
22	967·9	968·0	968·0	968·1	968·1	968·3	968·6	969·2	969·4	969·5	969·3	969·6	970·1	970·0	969·8	970·0	970·1	970·4	970·8	971·5	971·8	972·1	972·4	972·4	969·7
23	972·5	972·8	972·6	972·7	973·4	974·0	975·0	975·6	975·9	976·6	977·2	977·3	977·4	977·6	977·6	977·6	977·9	978·0	978·4	979·0	979·2	979·4	979·6	979·7	976·4
24	979·8	979·8	979·8	980·0	980·6	981·0	981·4	981·7	982·2	982·5	983·2	983·7	983·8	984·1	984·4	984·7	985·0	985·3	986·0	987·0	987·2	987·3	987·9	988·1	983·4
25	987·9	987·8	988·2	988·3	988·5	989·0	988·9	989·1	989·3	989·8	989·4	989·2	989·1	988·9	988·6	988·3	987·9	987·7	988·2	988·7	989·1	989·0	989·1	989·2	988·7
26	989·0	988·9	988·5	988·5	988·2	988·0	987·6	987·3	986·8	986·7	986·8	986·1	985·6	984·9	984·5	984·1	983·5	983·5	983·7	984·0	983·8	983·6	983·5	983·3	986·0
27	983·3	983·3	983·3	983·0	983·0	983·0	983·0	983·0	983·0	982·8	983·1	983·2	983·5	983·5	983·9	983·8	984·1	984·4	984·8	985·3	985·5	985·7	985·8	985·6	983·8
28	985·5	985·3	985·0	984·5	984·1	983·7	983·5	983·0	982·4	981·6	981·0	980·5	979·8	978·8	978·1	977·3	976·5	975·8	975·1	974·7	974·2	973·9	973·5	973·1	979·9
29	972·6	972·3	972·1	972·1	972·0	972·1	972·5	972·6	972·5	972·6	972·6	972·7	972·7	972·7	972·7	972·6	972·7	972·8	973·1	973·5	973·6	973·7	973·5	973·6	972·7
30	973·6	973·7	973·7	973·7	974·0	974·1	974·3	974·5	974·7	975·1	975·2	975·2	975·4	975·4	975·3	975·3	975·3	975·5	975·6	975·9	976·0	975·9	975·7	975·3	974·9
31	974·9	974·5	974·1	973·8	973·4	973·0	972·9	973·1	972·8	972·7	972·9	972·8	972·6	972·9	973·0	973·5	973·7	973·9	974·3	974·9	974·9	975·2	975·2	975·2	973·8
Mean ... (Station level)	978·93	978·77	978·66	978·53	978·53	978·60	978·70	978·75	978·68	978·64	978·62	978·51	978·45	978·36	978·31	978·23	**978·18**	978·24	978·49	978·79	978·92	978·96	**978·97**	978·90	978·62
Mean ... (Sea level) ...	**1007·39**	1007·24	1007·15	1007·02	1007·02	1007·06	1007·06	1007·02	1006·85	1006·76	1006·68	1006·54	1006·49	1006·36	1006·35	1006·28	**1006·25**	1006·36	1006·70	1007·07	1007·26	1007·34	1007·39	1007·34	1006·88
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE. When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

119. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **September, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	975·3	975·5	975·8	976·1	976·2	976·6	977·0	977·9	978·3	978·6	979·0	979·7	980·5	981·1	981·7	982·1	982·6	983·1	984·0	985·1	985·8	985·9	986·1	987·2	980·2
2	987·6	988·2	988·5	989·0	989·6	990·4	991·0	991·5	992·2	992·7	993·2	993·6	993·9	994·0	994·4	995·0	995·3	996·0	996·6	997·2	997·9	998·1	998·5	998·8	993·2
3	999·1	999·3	999·2	999·4	999·4	999·7	999·8	999·9	000·0	999·9	999·7	999·3	999·2	999·2	998·9	998·9	999·0	999·3	999·6	999·6	999·9	000·2	000·0	999·8	**999·4**
4	999·5	998·9	998·5	998·3	998·3	998·2	997·9	997·9	997·9	997·5	996·9	996·3	995·8	995·3	994·8	994·3	993·9	993·7	993·8	993·4	993·0	992·6	992·4	991·7	996·0
5	990·9	990·4	990·2	989·4	989·0	988·9	988·6	988·3	988·0	988·0	987·5	986·9	986·2	985·7	985·4	985·0	984·8	984·6	984·4	984·5	984·2	984·0	983·8	983·3	986·9
6	983·0	982·9	982·6	982·0	981·9	981·9	981·9	981·9	982·0	981·8	981·6	981·3	981·1	980·9	980·6	980·2	980·1	980·2	980·3	980·5	980·6	980·5	980·2	980·0	981·3
7	979·8	979·5	979·2	978·9	978·5	978·4	978·3	978·1	978·3	978·2	978·0	977·4	977·3	977·0	976·5	976·2	975·7	975·6	975·1	974·9	974·7	973·7	973·1	972·4	977·0
8	971·5	970·4	969·3	968·7	968·3	968·4	968·0	969·5	969·5	969·4	969·2	969·0	968·9	968·8	968·2	967·8	967·5	966·9	966·5	966·0	965·4	965·0	964·4	964·2	968·2
9	963·7	963·0	962·5	962·8	962·5	963·2	963·7	964·3	964·8	965·2	966·3	966·6	967·3	967·8	968·4	969·3	970·4	971·8	973·0	974·7	976·0	977·2	977·6	978·3	968·1
10	979·2	979·7	980·2	980·6	981·2	982·0	982·4	982·9	983·0	983·2	983·3	983·2	983·0	982·8	982·6	982·4	981·7	981·5	981·4	981·0	980·4	979·3	977·9	977·1	981·4
11	975·8	973·9	972·7	971·9	971·2	970·7	970·7	970·5	970·7	971·0	971·3	971·4	972·0	972·4	972·4	972·4	972·9	973·1	973·5	973·8	974·3	974·3	974·2	974·0	972·6
12	973·7	972·9	972·3	971·5	970·8	970·5	970·4	970·5	970·5	971·0	971·1	971·3	971·2	971·3	971·1	970·9	970·8	970·8	970·6	970·1	970·3	970·1	970·1	970·1	971·1
13	970·4	970·2	970·0	970·1	970·1	970·8	971·5	971·6	972·4	972·5	972·6	972·6	972·7	972·9	973·2	973·7	974·1	974·8	975·2	975·6	976·3	976·1	977·4	977·5	973·0
14	977·8	978·0	978·3	978·5	978·8	979·4	979·7	979·8	979·9	980·0	979·7	979·7	979·6	979·6	979·4	979·5	979·8	980·3	981·4	982·5	983·3	983·8	984·0	984·7	980·2
15	984·8	985·5	985·9	986·0	986·1	985·7	985·6	985·9	985·2	985·0	985·2	983·1	982·1	980·7	979·2	978·0	976·0	975·2	973·6	973·5	973·6	973·7	973·6	973·9	980·9
16	974·0	974·7	975·2	975·5	975·5	975·7	975·8	976·1	976·5	976·6	976·7	976·0	975·2	974·1	974·1	972·6	972·1	971·7	971·5	971·2	971·2	971·4	971·4	971·5	974·1
17	972·1	972·5	972·5	972·5	972·1	972·0	971·9	971·7	971·2	970·4	969·8	969·8	969·7	971·0	971·6	971·5	971·9	972·4	972·6	972·6	972·8	973·2	973·2	973·4	971·8
18	973·9	974·1	974·7	975·7	976·4	977·3	978·0	979·1	980·7	980·9	981·5	982·0	983·5	983·8	984·0	985·2	986·5	987·4	988·1	988·5	989·2	989·4	989·5	989·4	982·2
19	989·4	989·1	989·2	989·1	988·8	988·6	988·5	988·4	987·9	987·6	986·8	986·1	985·4	984·6	983·5	982·4	981·6	980·9	979·9	979·1	977·8	976·9	975·4	973·7	984·5
20	972·2	971·3	969·5	969·0	969·0	969·0	969·7	970·2	970·2	971·2	971·4	971·3	970·5	969·7	968·7	967·5	965·9	964·1	962·1	959·8	957·0	955·3	954·5	953·5	966·8
21	952·8	952·3	952·3	952·8	953·6	957·8	959·7	962·2	964·8	966·1	967·6	968·1	968·8	968·9	969·9	969·8	970·0	969·6	969·5	969·3	969·5	969·5	969·5	969·5	964·0
22	969·3	968·9	968·1	967·8	967·5	967·4	967·6	968·0	968·2	968·6	968·8	969·1	969·9	970·0	970·2	971·5	971·5	971·9	972·3	972·8	972·9	972·4	971·6	970·8	969·9
23	969·9	968·3	966·7	965·2	963·7	963·3	962·8	962·7	962·7	962·4	962·7	962·7	962·5	962·6	962·3	962·5	962·7	963·2	963·4	963·7	963·9	964·0	964·0	964·2	**963·9**
24	964·3	964·3	964·4	965·1	965·6	966·3	967·1	968·0	968·4	968·5	969·2	969·6	970·0	970·2	970·5	970·6	971·4	972·1	972·9	973·3	974·1	974·5	974·0	975·1	969·4
25	975·4	975·7	975·9	976·2	976·5	976·9	977·6	978·0	978·5	978·8	979·0	979·4	979·5	979·6	980·0	980·2	980·9	981·7	982·5	983·0	983·3	983·9	984·2	984·3	979·4
26	984·7	984·8	985·0	985·3	985·8	986·1	986·8	987·3	987·6	987·8	988·1	988·3	988·4	988·4	988·7	989·0	989·3	990·0	990·7	991·2	991·4	991·6	991·7	991·9	988·2
27	992·1	992·0	992·2	992·1	992·3	992·7	993·3	993·6	993·7	993·8	993·8	993·8	993·8	993·8	993·9	994·1	994·5	994·9	995·5	995·8	995·8	995·8	995·0	995·9	993·9
28	995·6	995·4	994·7	994·2	993·7	993·1	992·8	992·3	991·4	990·8	990·3	989·3	988·3	987·6	986·9	986·0	985·2	984·8	984·4	983·6	983·2	982·2	981·6	981·1	989·0
29	980·2	979·6	979·0	978·6	977·9	977·4	977·1	976·5	976·2	976·3	975·7	974·9	973·3	972·0	971·2	970·2	968·7	967·7	966·8	965·3	964·3	964·4	966·3	967·3	973·1
30	967·3	967·4	967·5	967·5	967·5	967·6	967·6	967·5	967·3	967·2	967·3	967·4	967·5	967·7	968·6	969·2	969·6	970·8	971·4	972·5	972·7	973·6	973·7	974·1	969·0
Mean (Station level)	978 ·18	977 ·96	977 ·74	977 ·65	**977 ·59**	977 ·87	978 ·12	978 ·40	978 ·60	978 ·70	**978 ·78**	978 ·68	978 ·57	978 ·45	978 ·36	978 ·26	978 ·20	978 ·31	978 ·41	978 ·47	978 ·49	978 ·42	978 ·36	978 ·28	978 ·29
Mean (Sea level)	1006 ·69	1006 ·48	1006 ·28	1006 ·20	**1006 ·15**	1006 ·43	1006 ·62	1006 ·82	1006 ·94	1006 ·96	**1006 ·99**	1006 ·85	1006 ·71	1006 ·61	1006 ·53	1006 ·46	1006 ·44	1006 ·62	1006 ·80	1006 ·93	1006 ·97	1006 ·91	1006 ·87	1006 ·81	1006 ·67

120. Eskdalemuir : H_b = 237·3 metres. **October, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	974·7	975·0	975·7	975·0	975·5	976·5	977·1	977·5	977·4	977·4	977·4	977·3	977·2	977·3	977·4	977·6	977·8	978·4	978·5	978·5	978·3	978·2	978·3	977·8	977·1
2	977·7	977·5	977·4	977·1	976·6	976·6	976·8	976·8	976·7	976·6	976·6	976·5	976·2	976·2	976·3	976·4	976·5	976·7	977·0	977·4	977·6	977·6	977·8	978·1	976·9
3	978·2	978·2	978·3	978·3	978·6	979·1	979·5	979·7	980·2	980·2	980·1	980·4	980·6	980·5	980·6	980·8	980·8	981·0	981·1	980·9	980·8	980·6	980·3	980·0	979·9
4	980·0	980·1	980·0	979·8	980·0	980·3	980·2	980·4	980·8	981·0	980·7	980·7	980·7	980·7	980·7	980·7	980·5	980·3	980·7	980·5	980·1	979·6	979·3	978·8	980·3
5	978·3	977·7	977·4	977·0	976·6	976·1	976·0	975·6	975·3	974·4	973·6	972·6	971·5	970·6	969·6	968·9	967·9	967·2	966·2	965·4	964·7	964·3	964·1	963·9	971·8
6	963·8	964·0	964·5	965·0	965·8	966·5	967·4	968·1	968·4	968·4	968·3	968·0	967·8	966·9	965·8	964·6	962·5	961·6	961·6	962·0	962·4	962·3	962·3	962·2	965·0
7	962·0	961·8	961·0	963·3	964·8	966·3	968·4	969·5	970·6	971·3	971·7	971·5	973·2	973·7	974·3	974·4	975·1	975·7	976·1	976·2	976·6	976·2	976·3	976·3	970·8
8	976·2	976·1	975·8	975·8	975·8	975·8	976·2	976·5	977·0	977·0	977·1	977·4	977·6	977·9	978·4	978·6	979·3	980·0	980·6	981·0	981·2	981·3	981·3	981·5	978·0
9	981·7	982·1	982·4	982·8	983·2	983·4	983·6	983·9	984·0	983·8	983·7	983·5	983·2	982·4	981·8	981·0	979·9	978·9	978·0	978·0	977·5	977·6	977·8	977·9	977·8	981·4
10	978·0	977·9	977·5	977·0	976·6	976·7	977·7	978·6	979·1	979·7	979·5	979·8	979·7	979·6	979·3	978·7	978·5	978·0	977·2	976·5	975·6	975·2	975·2	975·9	977·9
11	976·6	977·0	977·3	977·3	977·4	977·9	978·6	978·8	978·8	979·7	980·1	980·2	980·6	980·8	981·1	981·4	981·8	982·2	982·3	982·1	982·0	981·8	981·5	980·8	979·8
12	981·1	980·6	980·9	982·1	983·9	985·3	986·8	987·3	988·8	989·3	990·5	991·1	991·8	992·3	992·7	993·2	993·6	994·0	994·4	994·7	994·8	995·2	995·2	995·3	990·5
13	995·3	995·3	995·3	995·5	995·7	996·2	996·7	997·0	997·4	997·6	997·8	997·6	998·2	998·4	998·5	998·8	999·2	000·1	000·5	001·1	001·4	001·6	001·7	001·8	998·2
14	001·8	001·8	001·7	001·7	001·8	002·1	002·4	002·5	002·7	002·7	002·7	002·5	002·0	001·6	001·5	001·5	001·7	001·9	002·2	002·5	002·6	002·5	002·4	002·4	**002·1**
15	002·2	001·9	001·3	001·2	000·6	000·6	000·7	000·6	000·4	000·6	000·2	999·9	999·6	999·4	998·8	998·2	998·0	998·3	998·2	998·2	998·1	998·0	997·7	997·4	999·7
16	996·9	996·5	996·2	995·8	995·4	995·1	995·1	995·1	994·9	994·4	994·0	993·4	992·9	992·4	992·4	992·1	991·7	991·7	991·8	992·1	992·3	992·5	992·6	992·9	993·9
17	993·2	993·2	993·6	994·0	994·6	995·1	995·3	996·0	996·3	996·4	997·0	997·1	997·0	997·2	997·3	997·4	997·6	997·6	998·0	998·2	998·3	998·1	997·6	997·3	996·3
18	996·7	996·3	995·7	995·6	995·2	994·9	994·5	993·8	993·6	993·2	992·7	992·1	991·1	990·3	989·2	988·6	987·8	987·1	986·2	985·4	984·7	983·4	982·3	981·4	990·8
19	980·4	979·3	978·1	977·3	976·2	975·5	975·1	974·9	974·6	974·4	974·0	973·4	973·1	972·5	972·3	972·2	972·3	972·4	972·4	972·5	972·8	972·5	972·6	972·6	974·5
20	972·9	973·2	973·2	973·0	973·1	973·7	974·4	975·1	975·8	976·2	976·7	977·0	977·9	978·5	979·2	980·0	980·9	981·7	982·3	983·1	983·8	984·5	984·9	985·3	977·9
21	985·2	985·3	985·1	985·4	985·5	985·7	986·1	986·4	986·4	986·2	986·2	986·1	986·0	986·0	986·0	986·3	986·7	987·2	987·5	987·7	987·7	988·3	988·9	989·1	986·5
22	989·4	989·5	989·9	990·5	991·5	992·2	992·6	993·7	994·3	994·6	994·7	995·1	995·2	995·4	995·6	996·4	996·6	997·3	997·6	998·1	998·6	998·8	999·2	999·4	994·6
23	999·4	999·1	999·3	999·4	999·4	999·8	000·0	000·5	000·5	000·6	000·3	000·1	000·1	999·8	999·6	999·3	999·3	999·4	999·3	999·2	999·0	998·6	998·2	998·0	999·5
24	997·4	997·0	996·7	996·6	996·5	996·4	996·7	996·7	996·2	995·7	995·2	994·3	993·4	992·6	992·2	991·5	991·6	991·7	991·4	991·3	991·0	990·4	989·6	989·1	994·0
25	988·0	987·2	986·2	985·4	984·7	983·9	983·9	983·4	983·3	983·1	982·5	981·7	981·2	980·4	979·9	979·3	979·3	979·2	979·1	979·2	979·3	979·1	978·8	978·7	982·2
26	978·6	978·4	978·3	978·0	977·9	977·9	978·1	978·5	978·6	978·5	978·3	978·2	978·0	977·8	977·4	977·3	977·3	977·2	977·0	976·6	976·4	975·7	975·1	975·0	977·6
27	974·5	974·3	974·0	974·1	973·8	973·6	973·5	973·4	973·3	973·2	972·7	972·4	972·4	972·2	972·1	972·1	972·2	972·2	972·2	972·1	972·2	972·3	972·4	972·6	973·0
28	972·5	972·7	972·7	972·7	973·0	973·0	973·0	973·0	973·1	973·2	973·1	972·9	972·8	972·8	972·7	972·8	973·6	974·4	974·6	975·3	975·7	976·1	976·4	976·5	973·6
29	976·5	976·4	976·2	975·6	975·1	974·5	973·7	973·3	972·6	971·7	970·9	969·7	968·8	967·0	966·1	964·9	963·9	963·7	963·2	963·1	963·0	963·1	963·5	963·6	969·4
30	963·5	963·5	963·5	963·4	963·3	962·8	962·0	961·0	960·3	959·7	959·5	958·9	958·3	957·0	957·1	957·1	957·0	958·0	960·1	960·8	961·8	962·8	963·3	963·8	**960·9**
31	963·8	963·7	963·5	963·4	963·2	963·2	963·1	963·7	964·0	964·2	964·5	964·6	964·9	964·8	964·6	965·0	965·3	965·3	965·2	965·0	965·0	964·4	964·0	964·7	964·3
Mean (Station level)	981 ·82	981 ·70	981 ·60	981 ·58	981 ·65	981 ·83	982 ·10	982 ·30	**982 ·44**	982 ·43	982 ·35	982 ·15	982 ·03	981 ·79	981 ·64	**981 ·52**	981 ·53	981 ·66	981 ·69	981 ·75	981 ·70	981 ·71	981 ·64	981 ·60	981 ·85
Mean (Sea level)	1010 ·70	1010 ·60	1010 ·50	1010 ·48	1010 ·55	1010 ·76	1011 ·04	1011 ·19	**1011 ·19**	1011 ·07	1010 ·92	1010 ·65	1010 ·51	1010 ·24	1010 ·12	**1010 ·05**	1010 ·16	1010 ·41	1010 ·46	1010 ·55	1010 ·59	1010 ·52	1010 ·48	1010 ·45	1010 ·60
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

121. Eskdalemuir : H_b (height of barometer cistern above M.S.L.) = 237·3 metres. **November, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	954·6	954·9	965·1	955·5	956·1	956·6	967·1	969·5	971·0	971·1	970·4	970·2	969·4	968·5	967·9	966·4	964·4	963·1	960·9	960·1	959·7	959·5	959·7	960·1	965·6
2	950·1	950·1	959·7	959·2	958·7	957·9	957·7	957·4	957·1	956·9	956·5	956·9	957·1	957·5	958·5	960·4	962·4	964·6	966·3	968·0	969·6	971·1	971·9	973·3	961·3
3	974·1	974·4	975·0	975·5	976·0	976·5	976·6	977·7	978·6	979·0	980·1	980·5	981·4	982·1	983·3	983·7	984·6	985·6	986·7	987·5	988·4	989·3	989·9	990·7	981·2
4	991·0	991·3	991·9	992·6	992·7	993·0	993·7	994·3	994·5	994·8	994·5	994·3	994·2	994·0	994·0	994·1	994·3	994·3	994·2	993·9	994·1	993·5	993·4	993·1	993·5
5	992·5	992·3	992·0	991·7	991·9	991·9	992·3	992·8	992·9	993·9	993·9	993·9	994·1	994·3	994·8	995·5	996·0	996·9	997·2	997·7	998·4	998·7	999·1	999·3	994·6
6	999·6	999·8	000·2	000·4	000·6	001·0	001·7	002·6	003·1	003·6	004·0	004·1	004·1	004·1	004·2	004·6	004·9	005·5	005·7	006·2	006·2	006·4	006·6	006·7	003·4
7	005·8	005·5	005·3	005·2	005·3	005·1	006·3	006·4	006·7	006·9	006·8	006·5	005·8	005·2	004·9	004·8	004·5	004·5	004·4	004·3	004·3	004·7	004·3	004·2	005·4
8	002·1	001·5	001·0	000·5	000·3	999·7	999·5	999·2	999·1	998·9	998·3	997·7	997·0	996·3	995·4	994·8	994·3	994·0	993·7	993·1	992·8	991·9	991·2	990·9	997·0
9	990·0	989·4	988·5	987·6	987·5	987·5	987·0	986·8	986·5	985·9	985·8	984·5	984·1	983·4	983·2	982·6	982·5	982·2	982·1	981·7	982·0	982·1	981·8	981·6	985·0
10	981·6	981·5	981·4	981·3	981·1	981·6	981·8	981·9	982·0	982·1	982·4	982·3	981·8	981·2	981·5	981·5	981·8	982·5	983·2	983·7	984·1	984·1	984·2	984·3	982·2
11	984·2	984·4	984·3	984·5	984·8	984·9	985·5	985·9	986·1	986·2	986·6	986·7	987·0	987·2	987·5	988·4	989·5	990·9	992·0	993·1	994·0	994·7	995·6	996·7	988·1
12	997·2	998·1	998·9	999·8	000·6	001·1	002·4	002·8	003·1	003·6	004·1	004·1	004·1	004·4	004·6	004·9	005·1	005·1	005·1	005·0	005·2	004·7	004·1	004·0	002·9
13	003·4	003·0	002·2	001·6	001·1	000·7	000·6	000·2	999·6	999·1	998·6	998·2	997·7	997·1	996·9	996·7	996·4	996·0	995·8	995·5	995·3	994·8	994·9	994·7	998·5
14	994·4	994·0	993·5	993·4	993·1	993·0	993·0	993·0	992·8	992·6	992·2	992·2	992·0	991·6	991·7	991·5	991·7	991·9	992·0	992·0	992·1	992·2	992·3	992·4	992·6
15	992·4	992·5	992·5	992·8	993·0	993·1	993·5	993·8	994·3	994·1	994·1	994·1	994·2	994·3	994·7	995·1	995·9	996·2	996·6	996·9	997·5	998·3	998·9	999·1	994·8
16	999·3	999·8	000·1	000·4	000·8	001·3	002·0	002·6	003·0	003·8	003·8	003·9	003·9	003·9	003·9	004·0	004·3	005·0	005·1	005·3	005·2	005·3	005·2	005·0	003·1
17	004·9	004·8	004·5	004·4	004·4	004·1	004·1	004·0	004·1	004·3	004·2	003·8	003·7	003·4	003·1	002·9	002·8	003·0	003·0	003·0	003·1	003·0	002·5	002·0	003·7
18	001·6	001·3	001·0	001·0	000·8	000·9	000·9	001·0	001·1	001·4	001·7	001·9	001·9	001·7	002·0	002·6	003·2	003·9	004·5	004·8	004·9	004·9	005·1	005·1	002·4
19	005·0	005·0	004·8	005·0	005·1	005·0	005·3	005·4	005·6	005·6	005·6	005·1	005·0	004·7	004·6	004·6	004·6	004·6	004·5	004·5	004·5	003·9	003·8	003·6	004·8
20	003·0	002·9	002·8	002·3	001·9	002·1	002·2	002·5	002·4	002·4	002·2	001·7	001·4	001·1	000·9	000·5	000·5	000·5	000·7	000·7	000·7	000·5	000·9	000·6	001·6
21	000·2	999·8	999·8	999·3	999·1	998·7	997·9	998·0	997·6	997·7	996·8	995·9	994·9	993·8	992·7	991·4	991·6	991·2	990·4	990·6	990·6	990·5	990·5	990·5	995·2
22	989·6	988·5	987·1	985·0	985·8	986·7	987·0	987·7	987·0	986·3	985·9	985·4	985·0	984·5	984·5	984·7	984·5	983·9	983·7	983·1	983·1	983·0	983·5	983·3	985·7
23	983·7	983·8	983·5	983·3	982·7	982·2	981·4	980·3	979·7	978·9	978·7	978·0	978·1	977·9	977·8	978·2	978·1	977·7	977·9	977·6	977·3	977·1	976·9	976·3	979·5
24	975·6	975·4	974·6	974·2	973·4	973·6	973·1	973·1	973·2	972·8	972·4	972·0	972·1	972·1	972·3	972·1	972·4	973·2	973·2	973·3	973·6	973·6	973·9	974·3	973·4
25	974·0	974·1	974·0	973·8	973·7	973·7	973·9	974·0	974·4	974·2	974·3	973·8	973·8	972·7	972·3	971·9	972·0	972·0	972·0	971·7	971·8	971·1	970·6	969·9	973·0
26	959·1	958·5	958·0	957·4	957·0	956·9	966·9	967·2	967·2	967·6	967·5	967·0	966·6	966·1	965·5	965·4	964·4	964·1	963·8	963·2	962·2	961·2	959·8	958·4	965·7
27	957·9	957·3	956·6	955·7	955·2	954·7	954·3	954·0	953·8	953·5	953·4	953·4	953·6	954·1	954·4	955·0	955·9	957·4	958·7	960·3	962·2	963·5	965·0	966·0	956·8
28	967·0	968·0	968·9	969·4	969·9	970·6	970·8	971·6	972·4	973·0	973·1	972·8	972·3	972·2	972·1	972·2	972·3	972·2	972·1	972·0	972·0	971·6	971·2	970·6	971·2
29	969·8	969·3	968·4	967·7	967·4	967·3	967·7	968·7	969·5	970·0	970·2	970·4	970·9	971·0	971·2	971·4	971·8	971·9	971·9	971·9	971·9	971·4	970·8	970·5	970·1
30	970·1	970·0	969·7	969·6	969·3	969·1	969·1	968·7	968·5	968·2	967·7	967·2	966·7	966·0	965·8	966·0	966·3	967·0	967·6	968·2	969·0	969·2	969·4	969·6	968·3
Mean (Station level)	986 ·83	986 ·74	986 ·51	986 ·40	986 ·34	986 ·38	986 ·50	986 ·74	986 ·91	986 ·98	986 ·91	986 ·65	986 ·49	986 ·24	**986 ·24**	986 ·26	986 ·42	986 ·70	986 ·82	986 ·94	987 ·17	987 ·14	**987 ·17**	987 ·17	986 ·69
Mean (Sea level)	1010 ·35	1015 ·95	115 ·75	1015 ·60	1015 ·53	1015 ·57	1015 ·70	1015 ·94	1016 ·08	1016 ·04	1015 ·88	1015 ·56	1015 ·37	**1015 ·10**	1015 ·14	1015 ·24	1015 ·45	1015 ·81	1015 ·95	1016 ·11	1016 ·38	1016 ·35	1016 ·40	**1016 ·41**	1015 ·80

122. Eskdalemuir : H_b = 237·3 metres. **December, 1924.**

Day.																									
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	999·7	970·0	970·2	970·2	970·4	970·5	970·6	970·7	970·9	970·8	970·6	970·2	969·9	969·5	969·4	969·2	968·9	968·8	968·7	968·6	968·3	967·7	967·4	967·2	969·6
2	966·7	966·6	966·4	966·0	965·0	965·9	965·8	965·7	965·6	965·6	965·3	965·1	964·9	964·7	964·8	964·8	964·8	964·9	965·3	965·5	965·7	965·9	966·0	966·0	965·9
3	965·0	966·2	966·2	966·2	966·1	966·7	967·1	967·4	967·5	968·3	969·0	969·5	970·0	970·4	971·2	971·6	972·5	973·3	974·1	974·9	975·7	975·2	975·7	977·0	970·1
4	977·2	977·0	976·4	975·9	975·9	975·2	975·0	974·7	974·0	972·7	972·6	972·0	971·2	969·6	969·7	968·7	968·2	967·8	967·6	966·4	967·0	966·9	967·1	966·9	971·7
5	967·6	968·3	969·1	969·7	969·9	970·4	970·4	970·6	971·3	971·6	971·4	971·2	971·4	971·4	971·6	971·9	972·2	972·6	973·3	973·5	973·7	972·1	972·6	973·2	971·2
6	973·7	975·3	977·6	979·3	981·0	982·3	983·8	985·8	987·1	988·6	989·8	990·4	991·9	992·7	993·5	994·2	994·9	995·5	995·7	995·8	996·2	996·4	996·3	996·3	988·4
7	995·1	993·3	993·5	993·5	994·9	994·8	995·1	995·3	995·2	994·6	994·0	992·9	992·1	991·7	991·0	990·4	990·4	990·2	989·6	989·0	988·5	988·5	988·9	988·8	992·8
8	988·9	989·0	989·2	989·5	989·8	990·5	990·9	991·3	991·8	992·0	991·8	991·5	991·0	990·7	990·4	990·0	989·9	989·9	989·7	989·6	989·6	989·7	989·5	989·5	990·2
9	989·3	989·3	989·4	989·7	990·1	990·6	991·5	992·5	993·6	994·7	994·7	994·9	995·0	995·4	995·6	995·9	996·2	996·7	997·1	997·5	997·5	997·6	997·7	997·8	994·0
10	997·5	997·3	997·1	997·0	997·0	996·8	996·6	996·5	996·5	997·0	996·7	996·1	995·6	995·3	995·0	995·0	995·1	995·1	995·0	995·0	994·9	994·9	994·8	994·7	996·0
11	994·6	994·4	994·5	994·4	994·2	994·2	994·1	993·8	994·1	994·1	994·2	994·1	993·9	993·5	993·6	993·3	993·2	993·4	993·3	993·0	992·8	992·6	992·6	992·4	993·7
12	992·3	992·1	992·1	992·3	991·7	991·8	991·8	991·5	991·4	991·5	991·5	991·5	991·3	990·9	990·7	990·4	990·4	990·4	990·4	990·3	989·6	989·1	988·7	988·2	991·0
13	987·6	986·4	985·1	984·2	983·4	982·5	981·4	980·2	979·7	979·4	978·7	977·7	977·0	976·4	976·2	976·2	976·6	977·0	976·9	977·0	976·8	976·9	976·9	977·0	979·7
14	976·5	976·5	976·8	976·5	976·1	975·7	976·0	976·2	976·2	976·1	975·9	975·6	975·6	976·2	976·7	977·8	978·4	978·9	979·5	979·8	980·0	980·2	980·4	977·2	977·2
15	980·3	980·3	980·0	979·2	978·4	977·5	976·8	976·2	975·6	974·7	973·7	972·5	971·0	970·1	969·3	968·6	968·4	968·2	967·8	967·5	967·6	967·8	968·2	968·7	973·1
16	969·1	969·6	970·2	970·9	971·2	972·2	973·0	974·0	975·0	976·1	977·1	977·6	978·2	979·0	980·0	981·0	981·8	982·8	983·8	984·7	985·4	986·2	986·8	987·3	977·7
17	987·6	987·9	987·8	987·6	987·5	987·5	988·0	988·2	988·2	988·4	988·7	988·6	988·0	987·6	987·4	987·3	987·2	987·0	986·8	986·6	985·9	986·0	985·8	985·5	987·4
18	985·3	984·8	985·0	984·7	984·6	984·4	984·3	984·4	984·3	984·0	983·4	983·1	983·1	982·3	981·9	982·3	982·6	982·4	982·6	983·0	983·3	983·1	983·4	983·2	983·6
19	983·0	983·0	983·5	983·2	983·6	984·7	986·0	987·3	986·9	987·0	987·4	989·3	990·5	991·2	991·4	992·3	992·4	993·0	993·3	993·4	993·4	994·0	994·2	994·3	988·9
20	994·6	995·1	995·6	995·6	995·7	996·2	997·1	997·7	998·1	998·0	998·0	997·9	997·9	997·8	998·1	998·5	998·8	999·1	999·5	999·7	999·9	000·1	000·2	000·0	**997·8**
21	999·9	999·6	999·6	999·4	998·7	998·7	998·8	998·7	998·9	999·0	999·0	998·2	997·9	997·3	997·1	996·8	996·4	996·3	996·2	995·7	995·4	994·6	994·6	994·2	997·7
22	993·6	992·9	991·9	991·2	990·7	989·5	989·3	988·6	988·2	987·5	986·8	985·4	983·6	982·2	980·8	979·5	979·1	976·9	976·3	977·5	978·3	978·1	978·1	977·7	984·7
23	976·6	975·7	972·3	970·8	969·4	967·9	967·5	967·0	967·0	968·4	969·5	970·6	971·7	972·2	972·2	972·5	972·4	972·5	973·0	973·1	973·6	973·4	973·1	972·9	971·6
24	972·4	972·3	972·1	971·5	971·3	971·1	971·4	971·5	972·1	972·6	972·7	972·6	972·6	972·5	972·5	972·1	971·8	971·4	971·2	971·0	970·8	970·2	969·6	969·4	971·7
25	969·3	969·0	969·7	971·2	972·3	973·4	975·0	975·5	975·9	976·4	977·0	976·8	977·0	977·5	977·7	978·4	978·8	979·2	979·1	979·2	979·3	979·2	978·6	977·0	975·8
26	976·1	974·6	973·2	971·8	971·2	970·4	970·1	969·7	969·0	968·0	967·2	967·1	967·1	966·8	966·3	965·4	964·3	964·2	964·9	964·4	962·8	961·4	959·7	957·9	967·6
27	956·1	954·9	953·5	950·4	948·7	946·5	945·1	944·5	944·0	944·9	947·1	947·5	947·1	946·8	948·3	948·5	949·2	949·3	950·2	950·6	951·2	951·7	951·7	951·7	**949·3**
28	951·6	951·9	952·1	952·3	952·4	952·6	953·2	953·6	954·1	955·0	955·1	955·9	956·2	957·4	959·0	960·1	960·6	961·8	962·2	962·7	963·6	965·1	965·2	966·3	957·2
29	957·1	958·4	959·6	971·0	971·5	972·6	973·6	974·6	975·9	976·0	976·0	975·8	975·1	974·1	973·1	972·5	970·6	969·5	968·1	966·5	964·4	962·4	961·6	959·9	970·5
30	958·7	959·1	960·0	960·0	960·0	960·5	960·8	961·2	961·8	962·2	962·5	962·8	962·6	962·7	963·2	963·8	964·1	964·3	964·4	965·0	965·0	965·3	965·6	965·3	962·4
31	965·4	966·1	965·6	964·3	962·2	960·6	960·5	960·6	962·2	962·3	962·5	962·5	962·9	963·1	963·4	963·8	963·8	963·6	963·7	963·7	963·7	963·2	963·9	964·2	963·3
Mean (Station level)	978 ·17	978 ·38	978 ·33	978 ·12	977 ·95	**977 ·88**	978 ·07	978 ·24	978 ·46	978 ·65	**978 ·73**	978 ·65	978 ·52	978 ·34	978 ·41	978 ·44	978 ·50	978 ·58	978 ·67	978 ·71	978 ·71	978 ·56	978 ·54	978 ·41	978 ·43
Mean (Sea level)	1007 ·24	1007 ·25	1007 ·20	1006 ·98	1006 ·81	**1006 ·73**	1006 ·91	1007 ·09	1007 ·32	1007 ·50	1007 ·54	1007 ·45	1007 ·31	1007 ·13	1007 ·22	1007 ·27	1007 ·35	1007 ·44	1007 ·54	**1007 ·58**	1007 ·58	1007 ·43	1007 ·41	1007 ·28	1007 ·28
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

PRESSURE AT STATION LEVEL AND AT SEA LEVEL.

ANNUAL MEANS OF HOURLY VALUES.

From readings in millibars at exact hours, Greenwich Mean Time.

123. Eskdalemuir : $H_b = 237{\cdot}3$ metres.

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mn.	mb.	mb.	mb.	mb.	mb.	mb.
	982·13	982·00	981·85	981·73	**981·70**	981·75	981·88	982·02	982·13	982·17	982·17	982·07	981·97	981·83	981·79	981·74	981·77	981·92	982·05	982·17	**982·28**	982·27	982·24	982·18
Sea Level	011·13	011·01	010·87	010·75	010·71	010·75	010·84	010·91	010·93	010·89	010·84	010·69	010·57	010·41	010·38	**010·38**	010·45	010·67	010·87	010·04	011·19	**011·22**	011·21	011·17

PRESSURE AT STATION LEVEL; MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

124. Eskdalemuir : $H_b = 237{\cdot}3$ metres.

Month.	Mean.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Jan.	981·53	+0·11	+0·09	+0·03	−0·07	−0·26	**−0·32**	−0·27	−0·09	+0·13	+0·25	**+0·31**	+0·08	−0·14	−0·25	−0·19	−0·23	−0·17	−0·02	+0·09	+0·14	+0·21	+0·25	+0·19
Feb.	987·82	+0·30	+0·12	−0·09	−0·28	−0·40	−0·53	**−0·55**	−0·34	−0·15	−0·03	+0·03	−0·01	−0·18	−0·34	−0·36	−0·36	−0·16	+0·27	+0·49	+0·48	+0·53	**+0·59**	+0·52
Mar.	982·27	+0·39	+0·26	+0·02	−0·19	−0·26	−0·30	−0·15	−0·10	−0·03	+0·03	+0·03	−0·05	−0·16	−0·33	−0·42	**−0·49**	−0·42	−0·08	+0·18	+0·30	+0·44	**+0·49**	+0·48
April	981·32	+0·20	+0·13	+0·03	−0·04	+0·05	+0·11	+0·23	+0·28	+0·26	+0·18	+0·13	+0·04	−0·10	−0·28	−0·41	**−0·51**	−0·50	−0·45	−0·20	0·00	+0·15	+0·22	+0·28
May	980·50	+0·11	−0·11	−0·38	**−0·52**	−0·46	−0·38	−0·23	−0·14	−0·03	−0·07	−0·06	+0·02	+0·03	+0·03	0·00	−0·04	−0·02	+0·04	+0·14	+0·35	**+0·52**	+0·48	+0·45
June	985·65	+0·14	−0·07	−0·27	**−0·31**	−0·28	−0·16	+0·06	−0·06	+0·07	+0·01	+0·01	−0·03	+0·01	−0·08	−0·06	−0·13	−0·16	−0·08	0·00	+0·19	+0·34	**+0·40**	+0·32
July	980·95	−0·08	−0·16	−0·19	**−0·26**	−0·22	−0·13	+0·02	+0·09	**+0·16**	+0·14	+0·11	+0·07	+0·07	+0·09	+0·02	−0·07	−0·11	−0·10	−0·04	+0·06	**+0·16**	+0·15	+0·12
Aug.	978·62	+0·24	+0·08	−0·02	−0·14	−0·14	−0·06	+0·05	+0·10	+0·04	+0·01	−0·01	−0·11	−0·16	−0·25	−0·29	−0·36	**−0·41**	−0·34	−0·08	+0·22	+0·36	+0·41	**+0·42**
Sept.	978·29	−0·13	−0·35	−0·57	−0·64	**−0·71**	−0·43	−0·18	+0·10	+0·30	+0·41	**+0·49**	+0·39	+0·28	+0·16	+0·08	−0·02	−0·08	+0·03	+0·13	+0·19	+0·22	+0·15	+0·09
Oct.	981·85	−0·17	−0·28	−0·36	**−0·37**	−0·29	−0·10	+0·19	+0·40	**+0·55**	**+0·55**	+0·49	+0·30	+0·19	−0·03	−0·17	−0·28	−0·26	−0·11	−0·07	0·00	+0·05	−0·01	−0·07
Nov.	986·69	+0·21	+0·12	−0·09	−0·24	−0·30	−0·27	−0·16	+0·08	+0·24	+0·30	+0·23	−0·04	−0·21	−0·46	**−0·47**	−0·46	−0·30	−0·03	+0·08	+0·20	**+0·42**	+0·38	+0·41
Dec.	978·43	−0·11	−0·13	−0·17	−0·37	−0·53	**−0·60**	−0·40	−0·22	+0·01	+0·20	+0·29	+0·22	+0·10	−0·07	0·00	+0·04	+0·11	+0·20	+0·29	+0·34	**+0·35**	+0·21	+0·19
Year.	981·99	+0·10	−0·03	−0·17	−0·29	**−0·32**	−0·26	−0·13	+0·02	+0·13	+0·17	+0·17	+0·07	−0·02	−0·15	−0·19	−0·24	−0·21	−0·06	+0·08	+0·21	**+0·31**	**+0·31**	+0·28

ABSOLUTE EXTREMES OF PRESSURE AT STATION LEVEL FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

125. Eskdalemuir : $H_b = 237{\cdot}3$ metres.

Month	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	993·3	990·1	999·3	995·5	958·9	**952·0**	999·9	999·2	979·6	976·4	985·5	978·6	986·1	974·3	980·4	975·4	987·2	975·1	978·6	974·1	971·2	959·5	971·0
2	990·1	982·8	998·4	995·4	959·8	956·0	999·9	998·1	978·9	971·6	990·4	985·4	974·3	962·8	984·5	975·3	998·8	987·2	978·1	976·1	973·3	956·3	967·2
3	989·1	983·4	999·6	993·5	968·1	959·8	999·1	996·2	983·1	972·0	990·5	987·5	964·0	**956·4**	984·9	978·6	**000·4**	998·8	981·2	978·1	990·7	973·3	977·0
4	992·9	989·0	994·2	988·8	980·0	968·0	998·4	997·0	986·5	980·0	987·5	984·9	969·3	958·6	979·6	977·6	999·8	991·7	981·0	978·8	994·8	990·7	977·2
5	992·5	989·2	988·8	978·2	989·9	980·0	998·4	992·8	980·0	976·1	989·0	987·2	975·6	968·1	984·8	972·8	991·7	983·3	978·8	963·9	999·3	991·5	973·7
6	989·2	980·1	987·5	983·2	998·0	989·9	992·8	986·2	978·7	973·7	988·6	986·8	980·4	970·3	989·2	984·7	983·3	980·0	968·5	962·2	006·7	999·3	996·5
7	980·1	977·2	987·4	982·3	998·2	996·2	986·2	973·0	973·7	970·3	987·7	981·5	984·2	976·5	997·5	989·2	980·0	972·4	976·6	961·9	**007·0**	002·6	996·4
8	977·6	967·6	982·3	966·2	996·2	992·5	973·1	969·3	985·5	970·7	982·3	979·4	986·9	984·2	**001·8**	997·5	972·4	964·2	981·5	975·6	002·6	990·9	992·1
9	969·1	966·4	966·2	954·8	992·8	990·0	970·6	969·2	989·4	983·7	983·9	981·1	991·6	985·9	001·6	997·6	978·3	962·4	984·0	977·4	991·0	981·6	997·9
10	966·4	958·2	962·4	956·5	993·6	990·5	977·2	970·2	983·7	978·2	981·1	973·1	991·5	988·9	997·6	986·1	983·3	977·1	979·9	975·1	984·3	980·9	997·3
11	971·5	961·3	972·1	962·4	997·7	993·5	977·3	971·3	980·6	977·2	973·1	**968·0**	991·8	989·2	986·1	974·6	977·1	970·3	982·3	975·9	996·7	984·1	994·7
12	975·5	960·4	975·0	971·6	998·1	996·4	972·4	968·4	984·0	980·4	987·3	969·6	991·1	977·5	976·0	973·0	974·1	969·9	995·3	980·2	005·3	996·7	992·4
13	972·4	960·7	990·2	975·0	998·0	995·8	974·0	968·8	988·1	977·0	996·6	987·3	991·5	979·8	980·2	975·9	977·5	970·0	001·8	995·1	004·0	994·7	988·2
14	973·5	968·1	994·8	990·2	997·2	992·7	971·3	962·7	987·9	983·8	**996·8**	993·9	**994·8**	991·4	980·0	974·5	984·7	977·5	**002·8**	001·4	994·7	991·4	980·3
15	972·1	970·2	998·7	992·3	992·7	987·4	978·4	971·3	988·2	985·6	993·9	988·7	992·9	981·6	979·4	976·8	986·2	973·4	002·4	997·4	999·1	992·3	980·5
16	977·0	971·6	**006·2**	998·7	991·4	986·1	990·3	978·4	993·4	983·6	988·7	986·8	981·6	976·9	976·9	969·7	976·7	971·1	997·4	991·5	005·4	999·1	987·3
17	981·5	977·0	005·9	989·6	992·1	990·0	996·5	990·3	**994·9**	991·1	987·6	980·0	979·1	977·6	970·1	**959·1**	973·4	969·6	998·7	992·9	005·0	002·0	988·1
18	979·8	963·5	996·3	985·8	990·0	983·0	996·6	994·3	991·1	981·5	982·1	977·4	981·4	978·1	967·5	960·8	989·6	973·4	997·1	981·4	005·2	000·6	985·5
19	964·3	**958·1**	996·3	995·1	983·0	978·7	**002·4**	995·3	983·7	980·9	984·9	980·7	985·0	980·8	967·5	965·3	989·5	973·7	981·4	972·0	005·7	003·5	994·3
20	985·0	964·3	996·5	994·5	982·6	979·1	002·2	997·6	983·8	980·8	990·0	984·9	988·8	985·0	965·3	961·8	973·7	953·5	985·3	972·6	003·6	000·3	**000·3**
21	985·2	980·6	999·3	992·4	979·3	974·0	998·2	990·7	980·8	978·7	990·1	988·0	989·4	987·8	967·6	961·5	970·1	**952·2**	989·1	985·0	000·6	990·3	000·0
22	983·5	977·7	003·9	999·3	974·4	969·2	991·1	982·0	979·4	976·5	994·3	989·9	987·8	982·0	972·5	967·6	973·1	967·3	999·3	989·1	990·5	982·7	994·2
23	990·3	983·5	004·4	996·8	969·2	956·0	982·0	976·7	976·6	970·6	994·3	990·2	982·1	977·9	979·7	972·4	969·9	962·2	001·0	998·0	984·0	976·1	977·7
24	990·5	982·3	996·8	985·9	964·6	956·6	976·7	968·7	970·6	**965·1**	994·6	989·8	983·6	977·7	988·1	979·7	975·1	964·0	998·0	989·1	976·2	971·9	972·9
25	001·3	990·5	996·7	988·8	967·0	963·5	972·1	969·2	973·3	965·2	995·1	993·4	984·5	982·6	989·9	987·6	984·3	975·1	989·1	978·7	974·4	969·9	979·6
26	001·0	987·6	999·3	995·8	974·0	967·0	969·5	961·5	979·9	973·3	993·5	984·6	988·8	984·3	989·2	983·3	991·9	984·3	978·8	975·0	969·9	958·4	977·0
27	**003·9**	988·7	999·0	987·8	980·6	974·0	966·6	**961·3**	986·6	977·1	989·3	982·0	988·8	981·4	985·9	982·8	996·0	991·9	975·0	972·0	966·0	**953·3**	957·9
28	003·7	998·5	992·7	980·2	984·8	980·6	969·2	962·8	989·7	986·6	989·2	977·4	981·4	969·2	985·6	973·1	995·9	981·1	976·5	972·5	973·2	966·0	966·3
29	998·5	995·5	980·2	**953·7**	993·9	984·8	972·1	969·2	989·6	981·1	977·5	973·6	977·9	969·1	973·8	971·9	981·1	964·2	976·6	962·9	972·1	967·2	976·3
30	995·7	993·7	—	—	998·0	993·9	976·4	968·9	986·1	979·9	986·1	974·9	978·6	977·0	976·0	973·6	974·1	967·1	963·8	**957·0**	970·5	965·7	965·7
31	995·5	989·1	—	—	**999·7**	996·5	—	—	986·2	982·0	—	—	981·2	978·4	975·3	972·5	—	—	965·5	963·0	—	—	966·2
Mean.	985·23	977·64	992·08	983·80	985·28	979·80	984·36	978·69	983·66	977·76	988·38	982·89	984·06	977·78	981·76	975·88	982·97	973·47	985·34	978·25	991·07	983·09	982·97

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly mea

Readings in degrees absolute at exact hours, Greenwich Mean Time.

126. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **January, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·0	82·2	81·5	81·5	81·7	82·1	81·7	80·7	80·7	82·6	82·7	83·4	83·9	80·9	80·5	80·0	79·8	79·9	79·5	79·2	78·9	78·8	78·9	78·9	**81·0**
2	78·9	79·0	79·0	79·2	79·3	79·3	79·3	79·1	79·0	79·2	79·9	80·1	80·3	80·1	79·9	79·1	78·3	78·1	78·0	77·5	78·2	76·7	77·4	76·7	78·9
3	76·0	76·0	75·9	75·4	75·0	75·2	75·2	75·3	74·7	75·0	76·1	75·8	76·7	76·2	76·2	75·2	74·0	**74·0**	72·6	72·5	72·4	72·4	71·3	70·0	**74·7**
4	69·5	68·9	69·4	70·3	70·7	70·0	69·5	69·1	70·0	70·7	72·0	73·5	74·3	74·3	74·5	74·4	74·4	74·4	74·8	74·8	74·8	74·9	74·9	75·4	72·4
5	75·3	75·4	75·7	77·0	77·4	77·4	77·1	77·0	77·0	77·0	77·0	77·1	77·1	77·1	77·1	77·1	77·2	77·2	77·3	77·4	77·4	77·5	77·6	77·4	77·0
6	77·5	77·3	77·0	77·0	76·9	76·7	76·4	76·0	76·2	76·0	75·0	75·0	74·2	74·2	73·7	73·0	73·2	73·1	72·6	72·8	72·6	72·0	73·4	74·2	74·9
7	74·3	75·0	75·5	75·7	75·7	75·3	75·4	76·0	76·6	77·2	78·0	77·7	77·1	77·2	77·5	77·8	77·4	77·0	74·7	74·0	73·8	73·4	71·9	72·0	75·7
8	71·3	72·5	73·0	73·2	73·2	73·3	73·4	73·2	73·9	74·0	73·8	73·4	73·4	73·5	73·6	73·6	73·0	73·0	72·5	72·2	71·9	71·8	71·5	71·1	72·9
9	70·6	70·0	69·4	69·3	68·9	67·7	67·1	67·4	67·7	68·5	69·1	69·2	69·4	69·0	68·2	66·4	65·7	65·7	65·8	65·0	65·1	67·1	67·0	67·0	**67·8**
10	68·1	68·6	69·5	69·9	69·8	69·0	69·8	70·3	70·8	70·9	71·0	71·0	71·9	71·9	71·4	71·2	71·7	71·8	72·2	72·2	70·9	**69·7**	69·3	68·3	70·4
11	67·0	66·8	65·4	67·7	66·7	67·4	67·8	69·4	70·6	71·0	72·2	73·0	73·0	73·1	73·0	71·9	70·3	71·0	71·2	73·1	74·5	73·9	74·0	74·5	70·6
12	76·2	78·0	78·6	78·0	77·0	76·2	75·8	74·1	74·9	74·7	75·0	75·6	75·4	75·4	75·4	75·0	75·0	74·7	74·9	75·0	74·7	73·3	73·4	73·3	75·4
13	73·5	74·1	76·0	76·2	76·5	77·0	77·0	77·8	78·7	79·5	80·5	81·0	80·7	80·7	80·7	80·2	78·2	77·0	74·9	74·2	74·3	74·5	74·5	74·3	77·1
14	74·4	74·5	74·4	74·7	75·1	75·1	75·2	75·1	75·0	75·0	75·2	75·8	77·0	77·1	75·8	74·6	73·1	73·0	73·5	73·9	73·0	72·8	72·0	73·0	74·5
15	74·2	74·0	75·2	76·0	76·2	77·0	77·5	78·2	78·9	78·9	79·4	80·0	80·0	80·5	79·5	79·0	78·7	78·0	77·2	77·0	76·7	77·5	76·4	77·6	77·6
16	78·0	77·8	77·9	76·0	76·0	75·9	75·8	74·7	74·9	75·3	75·7	77·0	76·9	76·7	76·5	76·0	76·0	75·2	75·1	75·0	74·3	73·8	73·7	73·8	75·8
17	73·5	73·4	73·2	72·5	72·3	72·3	72·4	72·5	72·4	72·5	72·5	72·6	72·8	72·3	72·5	72·3	72·0	71·3	71·0	70·4	70·7	70·7	71·0	71·0	72·1
18	70·8	70·2	70·9	70·9	70·5	70·9	71·0	71·7	72·4	73·1	73·4	73·4	73·8	74·2	75·1	76·0	76·6	77·2	78·6	78·9	78·9	78·3	78·7	79·0	74·2
19	79·0	79·0	78·4	78·3	78·0	78·2	78·0	78·2	78·0	77·9	78·0	77·9	77·9	78·0	77·3	77·0	77·1	77·1	78·1	79·0	79·1	78·7	78·7	78·3	78·1
20	78·4	78·0	78·0	77·7	77·3	77·0	76·3	75·9	76·0	76·1	77·4	77·4	78·7	78·2	78·8	77·0	76·9	76·0	74·7	74·3	73·2	72·0	71·0	71·0	76·3
21	71·2	71·8	72·1	72·3	73·1	73·5	74·0	75·1	75·9	76·4	77·0	77·0	77·4	77·8	78·1	78·6	78·8	78·9	79·0	79·0	79·5	79·7	79·9	80·0	76·3
22	80·2	80·5	80·8	81·1	81·6	81·9	81·8	81·7	81·1	80·9	80·8	80·9	80·3	80·2	80·3	80·0	79·9	79·9	79·2	79·0	78·8	78·9	78·8	78·8	80·3
23	78·3	78·3	78·5	78·9	78·7	78·7	78·0	78·0	77·9	77·6	78·0	77·9	77·7	77·6	77·6	77·2	77·0	76·9	76·1	75·3	75·5	75·9	76·0	76·8	77·5
24	76·9	76·7	77·0	77·1	77·6	78·0	78·0	78·0	78·1	78·1	78·1	78·3	79·0	78·7	78·8	79·0	77·7	78·1	78·0	77·0	76·1	74·7	73·1	73·3	77·4
25	73·1	73·4	72·9	74·3	72·4	73·8	72·6	73·8	74·2	74·7	76·3	77·2	77·6	77·8	78·1	78·3	78·5	78·5	78·6	78·7	79·1	78·4	78·4	78·4	76·1
26	78·9	78·8	78·1	77·9	78·1	78·2	78·2	78·0	78·2	78·5	78·9	79·0	79·1	79·0	79·0	79·0	79·0	79·5	79·2	79·1	79·0	79·0	78·8	77·3	78·7
27	76·5	75·9	75·4	75·0	75·0	75·0	75·0	75·8	76·1	76·7	77·9	77·6	78·1	78·1	77·5	77·1	77·1	77·1	77·0	77·0	77·0	77·0	77·3	77·3	76·6
28	77·2	77·8	77·9	78·0	77·4	77·3	77·6	77·9	78·0	78·2	78·9	79·1	79·8	79·4	79·1	78·6	77·9	77·3	77·0	76·9	76·7	76·6	76·4	76·9	77·8
29	77·0	77·0	77·0	77·2	77·6	79·8	79·9	79·9	80·2	80·9	80·9	81·1	80·9	82·0	81·2	81·3	81·0	80·8	80·0	79·2	79·0	80·0	79·6	80·0	79·7
30	79·7	79·3	79·1	79·0	79·0	79·0	78·3	78·3	78·3	77·6	77·6	77·3	77·1	77·1	77·1	77·1	77·0	77·0	77·0	76·9	76·9	77·1	77·0	77·1	77·8
31	77·1	77·1	77·1	77·1	77·1	77·3	77·7	77·7	77·9	78·0	78·3	78·4	78·9	78·7	78·8	78·9	77·2	77·7	76·9	76·4	76·0	75·3	75·0	74·4	77·3
Mean ...	75·3	75·4	75·5	75·6	75·5	75·7	75·6	75·7	75·9	76·2	76·6	76·9	**77·1**	77·0	76·9	76·5	76·1	76·0	75·7	75·6	75·5	75·2	**75·1**	75·1	75·9

127. Eskdalemuir : Louvred Hut : $h_t = 0·9$ metres. **February, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	75·5	73·8	74·0	72·5	72·5	72·1	71·7	71·7	71·9	73·4	74·1	75·0	76·0	77·0	77·5	78·1	78·1	78·0	78·1	77·9	78·1	77·9	78·0	78·3	75·4
2	78·3	78·6	78·9	79·2	79·8	80·0	80·0	80·0	80·1	80·0	80·4	80·5	80·4	80·2	80·0	80·0	79·9	79·3	79·7	79·7	80·0	80·0	79·9	79·7	79·7
3	79·7	79·4	79·1	79·0	79·0	78·3	78·6	78·9	79·1	79·3	80·4	80·0	79·7	79·7	79·7	79·6	79·0	78·7	79·1	79·3	79·3	79·5	79·9	80·0	79·3
4	80·2	80·3	80·4	80·6	80·3	80·0	79·8	79·6	79·7	80·0	80·5	81·0	80·9	80·8	80·7	80·6	80·3	80·3	80·5	80·1	79·8	79·8	80·0	79·8	**80·3**
5	79·7	79·2	79·2	79·2	79·2	79·5	79·8	79·9	80·1	80·8	80·9	81·4	81·5	81·4	81·0	80·8	79·9	78·4	78·3	78·0	78·1	78·0	78·0	78·0	79·6
6	78·2	78·2	78·0	78·1	78·2	78·3	78·2	78·9	79·7	80·0	81·1	81·6	81·8	81·5	81·1	80·0	79·4	79·0	79·1	78·3	78·0	78·0	78·4	77·9	79·2
7	78·0	77·6	77·9	77·4	77·2	77·0	76·5	76·3	76·9	77·2	78·0	78·8	78·4	79·5	79·5	78·8	77·5	77·9	77·3	77·2	77·0	77·0	76·8	76·6	77·6
8	76·1	76·0	75·4	75·5	75·5	75·4	75·6	75·5	75·3	75·1	75·1	75·8	76·6	77·0	77·3	77·3	77·2	77·0	77·0	77·1	77·0	77·0	77·0	77·2	76·3
9	77·1	77·0	77·0	76·0	75·3	74·9	75·2	75·0	75·0	75·1	75·4	75·5	76·0	75·2	75·0	75·0	74·9	74·6	74·4	74·1	74·3	74·3	74·5	74·4	75·3
10	74·5	74·8	75·0	75·0	75·1	75·1	75·1	74·9	75·2	75·5	76·2	77·0	77·1	77·5	77·6	77·6	77·9	78·0	77·1	76·6	76·1	75·3	75·0	74·6	76·0
11	74·4	74·0	73·9	73·8	73·8	73·8	73·4	73·4	73·5	73·3	73·4	73·3	73·8	73·5	73·5	73·4	73·2	73·1	72·9	72·9	72·7	72·6	72·8	73·0	73·4
12	73·0	73·0	73·0	73·0	73·1	73·0	73·2	73·1	73·2	73·4	73·7	73·9	73·8	74·1	74·5	74·5	74·4	74·6	74·3	73·9	73·9	73·8	74·0	73·8	73·7
13	73·6	73·4	73·2	73·1	73·0	72·7	72·7	72·4	72·4	72·2	72·4	72·2	72·3	72·2	72·1	71·8	71·7	71·6	71·2	71·1	70·9	71·0	71·0	71·0	72·2
14	70·9	71·0	71·0	71·0	70·9	71·0	71·0	70·4	71·7	71·7	71·7	72·0	72·1	72·0	72·4	71·9	71·6	71·5	71·5	71·7	71·4	71·6	71·8	71·9	**71·5**
15	72·0	72·0	72·0	72·6	72·0	72·2	72·4	72·5	74·8	75·8	76·0	76·1	77·8	78·1	77·4	74·9	73·8	72·8	73·4	73·8	73·9	73·7	73·5	73·8	74·0
16	74·0	74·0	74·0	74·0	74·0	74·2	73·9	74·1	74·4	75·3	75·8	76·7	76·0	76·5	76·5	76·4	75·3	72·7	71·8	70·8	70·5	70·4	69·7	70·0	73·9
17	71·0	71·7	71·7	71·9	72·5	72·4	73·4	73·3	73·3	73·5	74·3	75·6	75·1	75·8	77·0	76·2	76·0	76·0	76·1	76·2	76·5	76·4	76·1	76·2	74·4
18	76·6	76·6	76·5	77·8	79·0	78·4	78·9	78·2	76·9	76·9	77·1	76·0	75·8	75·3	74·9	74·7	74·0	73·7	73·2	73·5	73·3	73·1	73·0	72·9	75·7
19	72·7	72·4	72·5	72·4	72·3	72·3	72·0	72·0	73·0	73·4	74·4	75·1	75·0	75·3	75·8	75·9	75·5	75·1	74·6	74·8	74·3	73·9	73·8	73·9	73·8
20	73·9	73·8	73·3	73·4	73·3	73·2	73·2	73·5	74·3	74·9	75·8	76·0	76·4	78·1	77·2	79·2	77·1	76·9	77·0	77·6	78·8	78·8	78·8	78·8	75·9
21	78·0	78·7	78·9	79·0	79·4	79·4	79·3	78·8	79·0	80·9	81·6	81·5	80·8	81·0	81·4	80·5	77·6	76·3	76·3	75·6	73·5	72·3	72·6	72·9	78·3
22	72·1	70·8	70·9	72·2	71·7	72·3	73·3	74·2	74·9	75·1	75·7	75·2	75·0	74·1	75·0	74·7	74·2	73·3	73·1	72·6	73·0	73·0	72·1	72·1	73·4
23	71·6	71·7	72·0	71·3	70·4	70·0	70·8	71·1	73·8	75·2	77·0	78·4	78·0	80·2	79·1	78·0	77·3	76·8	76·9	77·3	77·9	78·0	77·9	77·9	75·2
24	78·0	77·9	78·0	78·1	78·5	78·0	76·8	77·3	77·5	77·2	76·5	76·0	77·8	78·5	78·2	78·0	76·5	75·3	75·1	74·9	75·1	75·0	74·6	74·5	76·9
25	74·9	74·4	74·5	74·9	75·0	74·5	74·8	75·0	75·4	75·8	74·5	76·0	76·1	76·2	73·5	75·0	74·3	74·1	72·1	72·4	72·0	73·0	73·1	73·8	74·4
26	74·0	73·4	73·7	73·0	73·3	73·2	73·5	74·1	75·0	76·0	75·8	75·0	76·0	76·4	76·3	75·8	75·2	74·1	74·0	72·8	72·7	73·0	72·8	73·0	74·3
27	72·5	72·4	72·8	72·4	73·0	73·3	73·8	73·9	74·2	74·8	76·4	77·0	78·0	79·0	76·6	77·5	75·9	74·1	74·1	72·8	71·5	70·5	71·1	70·0	74·1
28	69·8	68·9	69·8	69·0	69·0	69·2	69·4	69·2	71·3	72·4	72·8	73·3	72·9	73·4	73·7	73·9	73·4	73·1	73·1	73·3	73·9	73·9	**73·5**	74·0	71·8
29	74·4	74·8	74·4	74·8	76·0	77·1	75·5	75·8	74·7	75·0	74·0	73·9	72·8	72·4	73·2	72·5	71·1	70·2	70·2	70·8	70·5	70·4	70·2	70·1	73·2
Mean ...	75·0	**74·8**	74·9	74·8	74·9	74·9	74·9	74·9	75·4	75·8	76·2	76·6	76·7	**77·0**	76·8	76·6	75·9	75·4	75·2	75·1	75·0	74·9	74·8	74·8	75·5
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

128. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **March, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	70·7	71·1	71·3	71·3	72·1	73·0	72·9	73·0	73·2	74·5	74·4	75·3	74·7	73·1	73·4	73·0	72·0	70·2	70·1	70·0	68·7	67·0	65·6	64·8	71·6
2	63·7	63·0	62·0	64·5	64·2	65·0	64·1	66·8	67·3	68·8	72·6	73·9	74·7	74·0	74·6	74·0	72·3	69·0	66·6	65·8	64·4	64·0	62·7	62·1	**67·6**
3	61·8	61·7	61·3	63·7	63·0	62·0	60·9	62·9	67·0	71·5	74·9	75·3	75·6	75·5	75·5	75·0	74·3	73·3	73·0	72·8	72·9	72·4	72·3	70·7	70·7	69·2
4	71·2	71·0	71·0	70·9	69·9	70·9	71·0	71·1	71·7	73·0	74·0	75·1	76·0	76·8	77·1	77·0	74·9	71·1	70·9	71·0	72·7	69·3	68·7	68·4	72·3
5	66·5	65·4	64·3	63·9	63·8	63·9	64·0	66·0	69·0	71·7	73·9	75·8	76·0	76·6	76·7	76·2	75·4	72·9	71·4	70·8	70·1	70·7	70·9	70·1	70·2
6	69·0	67·0	66·3	65·0	64·0	63·6	64·1	65·4	70·4	74·0	75·5	76·6	77·0	76·9	76·7	75·9	74·9	73·3	71·9	70·9	70·2	70·4	70·3	69·2	70·8
7	69·2	71·3	72·5	73·4	73·7	73·8	73·7	75·0	75·4	75·0	75·8	75·8	76·8	77·1	76·5	76·3	76·1	76·0	76·0	76·1	76·0	76·0	75·7	75·5	74·8
8	75·2	75·0	74·9	74·8	74·3	73·7	71·9	71·3	72·8	74·8	76·7	76·6	77·3	77·8	78·0	77·2	76·2	75·5	75·4	75·7	75·0	73·3	73·2	72·0	75·0
9	71·2	71·1	70·7	71·0	71·3	71·7	71·7	72·1	73·7	76·1	78·8	78·2	78·9	79·9	79·6	79·9	77·1	76·5	75·5	75·3	74·8	74·3	72·9	71·3	74·7
10	69·3	68·9	68·8	69·0	68·1	69·5	71·8	73·0	75·2	80·5	82·4	83·7	84·1	84·8	85·1	85·3	83·0	77·2	78·0	76·1	75·0	72·7	71·8	70·3	76·0
11	71·0	70·0	70·0	69·4	70·0	68·9	69·9	73·1	76·0	82·0	83·7	84·7	85·1	85·6	85·7	85·2	82·5	79·0	77·1	75·3	74·1	74·0	73·1	72·7	76·5
12	72·1	72·0	71·0	70·8	71·0	71·0	72·7	76·8	80·7	83·0	84·5	85·1	85·7	86·2	85·3	82·0	78·2	75·2	75·5	75·1	74·7	74·7	73·2	77·0	
13	72·7	71·3	72·0	71·4	71·0	70·8	71·7	74·0	79·5	82·2	82·9	84·0	85·3	86·0	85·9	85·0	83·9	81·1	81·0	78·9	78·3	76·7	76·0	76·1	78·2
14	76·1	75·3	75·7	75·1	74·0	72·5	72·7	72·3	76·7	80·2	82·7	83·8	84·8	83·7	84·2	84·7	84·7	78·2	77·1	76·0	75·5	77·5	78·3	77·9	78·3
15	77·1	75·3	74·5	74·1	74·0	73·7	76·2	77·3	79·4	79·9	81·2	82·9	84·1	84·4	84·3	83·7	82·9	80·0	79·1	78·0	77·0	77·2	77·0	75·9	**78·8**
16	75·2	73·3	72·7	73·2	74·0	72·8	73·5	74·9	78·4	78·0	78·3	78·5	79·2	78·5	79·4	77·8	77·2	74·8	73·0	72·2	72·1	71·0	71·8	70·8	75·1
17	69·1	68·5	68·5	71·7	71·0	68·8	67·9	71·9	74·7	75·0	75·5	77·0	76·7	78·1	76·7	76·3	76·0	74·5	70·5	70·7	69·7	69·4	68·3	67·4	72·3
18	66·7	65·0	64·1	63·9	63·1	63·6	68·4	72·4	76·7	78·1	79·1	80·4	79·9	81·0	80·0	79·8	78·6	76·7	75·8	75·0	73·2	71·8	70·0	69·5	73·0
19	71·3	72·0	72·2	73·0	72·8	73·7	73·9	74·0	74·2	75·5	75·7	75·3	74·1	75·2	75·3	75·1	75·0	74·4	73·6	72·8	71·4	69·0	68·3	67·7	73·2
20	67·5	68·1	67·8	67·8	67·2	67·1	68·4	70·8	74·1	75·2	76·2	77·1	77·9	78·2	78·6	78·2	78·0	75·7	72·2	70·7	69·6	68·5	68·0	67·1	72·1
21	66·5	65·3	65·7	65·3	65·2	65·4	66·0	69·0	72·0	73·4	74·3	76·3	77·8	78·0	79·5	78·2	77·7	76·4	76·0	75·3	74·8	74·7	74·0	74·0	72·4
22	73·9	74·1	74·3	74·8	74·7	74·3	74·3	74·7	75·4	75·8	76·8	77·4	79·0	79·9	79·8	80·4	80·3	79·4	78·8	78·1	78·2	78·0	77·9	77·9	76·9
23	77·8	78·0	78·0	78·2	78·5	78·3	78·3	78·8	79·0	79·3	79·5	80·0	80·0	79·9	79·4	79·0	79·0	79·0	78·8	78·4	78·0	78·0	77·8	77·5	78·7
24	77·4	77·4	77·3	77·2	77·2	77·0	76·9	76·7	76·3	76·3	76·4	76·1	76·1	76·0	75·9	75·9	75·4	75·1	75·0	74·9	74·8	74·6	74·5	74·2	76·1
25	74·1	74·1	74·0	74·1	74·1	74·1	74·1	74·7	74·5	75·5	75·9	76·8	76·8	77·0	76·8	76·2	76·0	75·6	75·2	75·0	74·8	74·7	74·5	74·3	75·1
26	74·3	74·1	73·9	73·8	73·8	73·8	73·9	74·0	74·6	75·0	76·0	75·9	75·9	76·0	75·7	75·1	75·3	74·9	74·1	73·8	73·6	73·7	73·7	73·3	74·5
27	73·2	73·0	73·1	73·0	73·0	73·0	73·1	73·4	73·7	74·0	74·2	74·8	75·1	75·6	75·8	76·4	76·0	75·3	74·7	73·9	70·3	71·7	71·9	72·2	73·8
28	72·4	73·0	73·2	73·0	73·0	74·0	73·9	74·0	74·6	74·8	75·0	75·3	75·6	76·0	75·9	75·5	75·3	75·0	74·8	75·2	73·8	74·0	73·8	74·0	75·3
29	74·1	74·0	71·3	70·9	68·8	68·9	69·9	73·5	75·2	75·8	75·8	76·2	78·0	78·0	78·0	77·1	76·3	75·1	73·7	70·9	70·8	70·7	70·1	70·1	73·5
30	70·8	72·3	73·1	72·8	73·1	73·2	73·6	74·7	75·2	75·6	77·3	77·9	79·0	79·9	80·9	79·5	79·1	78·7	76·6	76·4	76·2	75·1	73·7	72·1	75·7
31	72·2	72·7	72·5	72·5	71·8	71·2	72·0	75·8	77·3	78·7	79·5	79·8	79·5	78·4	79·0	79·2	78·1	76·8	74·1	74·2	75·3	74·0	73·8	73·7	75·5
Mean ...	71·4	71·1	70·9	71·1	70·8	**70·7**	71·1	72·6	74·5	76·2	77·3	78·1	78·6	78·8	**78·9**	78·5	77·6	75·8	74·7	74·1	73·4	72·9	72·4	71·8	74·3

129. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **April, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	m.
1	73·5	74·0	74·0	74·2	74·1	73·9	74·7	75·1	76·2	77·0	77·2	78·0	78·0	78·6	78·7	78·0	77·0	76·1	73·7	72·0	71·3	71·3	71·0	70·8	74·9
2	70·4	69·8	69·8	70·8	72·9	73·0	73·6	74·0	74·9	76·0	77·0	78·0	78·3	78·6	78·9	78·6	77·6	75·4	72·0	71·0	70·8	70·0	69·9	69·8	73·8
3	69·5	68·1	68·2	67·8	67·5	67·2	69·4	73·0	75·0	76·2	77·9	79·4	80·0	80·3	80·2	78·7	77·3	70·1	75·0	74·4	73·6	73·0	74·3	74·1	73·9
4	73·2	73·0	72·1	71·9	71·9	71·9	73·5	76·0	77·1	77·1	77·6	79·9	80·0	80·0	79·6	79·2	79·8	78·3	75·5	74·2	74·3	74·1	73·7	71·9	75·7
5	71·5	70·9	71·7	72·4	73·1	73·4	74·0	75·7	78·0	80·9	81·2	81·1	82·0	83·0	83·8	82·8	82·5	81·3	77·9	77·9	77·6	78·7	78·1	77·2	77·7
6	76·0	76·1	74·0	73·0	73·2	74·0	75·0	76·8	79·5	81·2	81·7	81·5	82·3	83·0	82·7	82·3	81·9	81·5	80·0	77·0	76·0	76·6	75·5	70·1	78·3
7	75·6	77·0	77·6	77·2	77·0	77·0	78·9	78·9	78·8	79·2	79·6	79·9	80·5	80·0	80·0	80·9	80·0	79·3	78·6	78·3	77·8	77·5	76·6	76·3	78·4
8	76·3	75·4	75·5	75·0	74·8	74·9	74·1	76·1	75·8	76·0	77·4	79·5	77·0	80·0	80·0	78·5	77·1	76·8	75·7	74·9	74·2	74·5	73·2	72·7	76·1
9	73·0	72·3	72·6	72·2	72·6	72·7	74·0	76·0	77·1	77·5	78·0	78·0	78·6	77·9	76·9	76·0	77·7	76·6	75·0	74·2	72·5	70·4	69·5	71·0	74·7
10	71·3	71·9	71·4	71·9	71·9	72·0	73·1	74·7	74·0	73·6	75·6	76·0	78·2	77·2	76·5	76·2	75·8	74·2	73·0	73·0	71·6	70·7	69·1	69·9	73·5
11	68·5	67·8	68·0	66·7	66·4	67·0	68·6	71·5	73·7	77·1	76·6	77·1	78·1	78·0	77·6	76·1	76·0	76·0	74·9	73·5	72·5	70·7	69·8	69·0	**72·6**
12	71·3	71·5	71·5	71·1	70·0	70·4	71·8	73·1	73·8	75·1	75·2	75·2	76·9	75·9	77·9	76·8	77·4	75·7	74·6	74·0	73·7	72·3	71·8	72·2	73·7
13	72·6	72·5	71·2	66·4	69·6	68·7	70·8	73·8	77·1	77·5	78·0	75·2	76·6	75·9	76·2	73·8	73·7	73·5	73·9	73·8	74·2	74·2	74·1	74·0	73·6
14	73·6	72·4	72·9	72·4	73·0	73·1	73·2	73·5	74·2	74·8	76·0	77·0	78·7	78·3	78·8	79·0	78·5	77·4	75·0	74·0	73·2	71·2	71·0	70·1	74·7
15	69·2	72·9	72·7	70·7	72·2	73·9	74·4	76·0	77·1	78·4	78·7	79·4	81·1	78·9	79·7	78·8	78·4	78·5	77·9	77·1	75·4	74·9	75·6	75·0	76·0
16	74·0	75·0	75·0	75·4	75·4	75·4	76·5	77·6	79·4	80·5	81·2	81·2	82·0	82·7	82·0	82·0	80·5	79·4	77·5	75·2	74·7	73·9	72·8	72·8	77·7
17	70·3	71·4	69·7	68·1	67·7	67·1	69·8	74·8	79·1	79·8	80·9	81·5	82·4	82·7	83·0	82·6	81·9	80·6	77·3	74·1	72·4	72·1	72·0	71·6	75·6
18	72·9	74·7	76·7	77·0	77·8	78·4	78·6	79·1	79·5	80·5	81·8	81·7	83·9	80·9	81·9	82·2	81·0	81·6	80·0	80·0	80·0	80·3	80·0	80·5	79·4
19	80·5	80·8	80·8	80·8	80·7	80·5	80·4	80·9	81·5	81·4	81·6	82·0	83·6	83·8	83·5	84·0	83·5	81·9	82·0	81·9	81·0	80·8	80·1	79·8	81·6
20	79·7	80·5	80·0	80·0	80·8	81·8	82·3	83·2	83·9	85·2	85·5	86·3	87·0	88·2	88·8	88·0	87·3	87·4	86·0	84·4	82·9	82·3	82·0	82·5	**83·9**
21	82·2	82·2	82·1	82·5	82·1	82·0	83·2	83·7	86·0	87·4	88·2	87·8	87·8	88·0	85·9	81·6	80·5	79·6	79·0	78·5	78·3	78·0	78·0	77·5	82·7
22	77·9	77·8	77·3	78·2	78·1	78·4	78·8	79·7	80·7	75·0	75·8	70·7	70·7	78·9	79·3	80·7	78·1	76·6	76·0	75·8	74·2	74·0	72·5	70·7	77·1
23	69·2	68·0	67·5	66·3	66·1	68·2	72·3	76·3	79·2	79·5	80·8	81·5	81·8	81·9	82·0	81·2	81·1	80·6	79·2	77·9	77·7	77·6	77·3	77·3	76·1
24	76·8	76·3	76·0	76·0	76·0	75·6	75·6	76·0	76·2	77·0	77·4	78·1	78·5	79·4	82·0	82·3	81·1	80·8	80·2	81·1	80·7	80·2	80·0	80·0	78·4
25	80·1	80·4	80·3	80·1	79·8	79·1	79·2	79·9	80·8	82·7	82·8	82·8	82·5	83·8	84·0	83·1	82·6	82·9	82·5	82·6	82·6	82·7	82·4	82·5	81·7
26	82·5	82·3	82·3	82·0	82·0	82·2	82·8	83·5	84·2	85·2	86·0	84·0	83·7	84·0	84·2	81·8	81·2	81·2	80·6	80·4	80·7	80·6	80·7	80·0	82·5
27	80·7	80·0	80·0	78·0	78·0	77·3	78·0	79·0	79·8	81·0	81·3	82·0	83·2	83·5	83·2	82·8	82·0	80·2	79·5	79·0	78·7	78·3	77·7	77·1	80·1
28	76·0	75·6	75·5	75·9	76·0	76·7	77·4	77·8	80·2	80·5	80·3	80·9	81·0	80·2	80·5	80·0	78·8	80·2	79·1	78·6	78·0	77·0	77·0	75·3	78·3
29	74·5	73·1	72·7	72·1	71·1	73·0	76·2	80·0	82·0	82·6	82·1	82·2	83·0	83·2	83·9	82·7	82·0	81·0	80·2	78·9	78·0	77·6	77·0	77·0	78·5
30	76·8	76·9	76·5	76·2	76·0	76·1	76·0	76·5	77·0	77·6	78·0	78·3	78·1	78·7	78·9	79·0	78·5	78·1	77·9	77·7	77·6	77·3	77·1	77·0	77·4
Mean ...	74·7	74·7	74·5	**74·1**	74·3	74·5	75·5	77·1	78·4	79·1	79·7	80·0	80·7	80·9	**81·0**	80·3	79·7	79·0	77·7	76·9	76·2	75·8	75·3	75·1	77·3
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

130. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13,	14,	15,	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	77·0	77·0	77·2	77·3	77·4	77·6	78·0	78·8	80·0	80·6	81·4	82·6	82·9	83·0	82·5	81·4	81·0	80·5	79·9	79·7	78·7	78·1	78·1	78·4	79·5
2	78·5	78·5	78·5	78·4	78·3	78·5	78·9	79·4	80·9	81·9	82·0	82·0	82·0	82·5	81·2	80·9	79·7	79·7	79·7	79·2	79·4	79·0	78·8	78·2	79·8
3	78·1	78·3	78·1	78·0	78·7	77·5	77·6	77·5	77·5	77·7	77·8	78·1	78·5	78·2	78·2	78·9	78·9	77·4	76·2	75·6	75·2	74·8	74·8	74·7	77·4
4	74·6	74·7	74·6	74·5	74·4	74·7	75·7	76·2	77·0	78·2	78·0	78·4	77·3	78·0	77·5	76·9	75·3	74·1	73·8	73·9	73·9	74·2	74·6	74·8	**75·6**
5	74·9	75·0	74·4	73·7	73·8	74·0	74·4	75·0	76·0	76·2	78·6	80·0	78·3	79·7	82·0	79·0	76·9	78·5	77·2	76·2	76·2	76·1	76·0	76·1	76·6
6	75·7	75·4	74·9	74·0	72·9	74·0	75·2	76·7	77·3	78·1	79·5	79·7	79·9	80·5	80·4	81·1	80·7	80·2	80·0	78·5	77·8	77·8	77·8	77·7	77·7
7	77·7	77·3	77·3	77·4	77·3	76·9	76·9	78·3	79·1	78·0	81·2	81·5	81·7	81·3	82·5	80·5	79·6	78·2	79·2	79·0	77·3	77·1	77·0	76·8	78·7
8	76·7	76·9	77·2	77·2	76·2	75·1	75·9	76·5	77·3	78·3	78·4	78·3	79·2	79·3	79·2	79·1	78·7	78·7	78·2	77·2	76·2	75·9	75·0	74·8	77·4
9	74·5	75·7	75·5	73·5	73·0	75·0	77·1	79·0	80·2	81·0	81·0	81·6	82·3	81·7	82·1	81·2	80·0	80·1	78·5	78·6	79·5	79·0	79·1	79·7	78·6
10	80·1	80·5	81·0	81·5	82·1	82·0	81·8	81·7	82·0	82·7	82·9	83·1	83·0	83·2	82·5	82·6	81·8	81·6	81·0	80·5	80·0	80·3	80·8	80·2	81·6
11	79·9	79·9	79·8	79·7	79·8	79·8	80·0	80·5	80·8	81·9	83·7	82·5	82·6	83·1	83·4	83·1	82·0	81·5	80·5	79·5	78·2	77·0	77·2	78·0	80·6
12	79·0	79·2	79·1	79·0	79·1	79·6	80·4	81·0	80·7	82·2	82·4	84·4	85·0	85·7	85·8	85·1	85·0	84·3	83·0	80·1	77·9	75·5	75·3	75·5	81·1
13	77·3	78·4	79·1	79·0	79·5	79·0	80·5	81·5	82·3	82·8	82·9	83·6	83·1	84·9	85·7	85·5	86·0	83·8	83·0	80·5	79·6	79·3	79·7	79·0	81·4
14	78·2	78·4	78·3	78·5	79·0	80·0	81·5	83·0	83·0	84·4	84·1	83·3	83·2	84·0	84·5	83·9	83·4	83·1	82·5	81·7	81·1	81·0	81·0	81·0	81·7
15	81·1	81·0	81·0	80·7	80·6	80·7	81·0	82·6	83·3	83·1	84·0	84·9	84·9	85·0	85·0	84·6	83·9	83·6	82·4	80·7	80·5	81·1	80·9	80·9	82·4
16	80·6	80·2	80·1	79·5	79·8	79·9	80·2	79·7	79·7	83·0	83·4	83·7	83·8	83·1	83·5	84·8	83·4	83·3	81·6	80·7	78·5	78·0	77·4	76·3	81·1
17	77·2	76·5	76·8	77·2	78·0	79·6	81·3	82·5	83·5	83·7	83·5	84·0	85·1	85·8	85·0	85·0	84·7	84·5	83·7	81·2	79·0	76·0	75·0	74·9	81·0
18	75·3	75·3	73·2	72·4	72·2	75·1	81·1	84·0	86·4	87·5	88·0	88·6	89·4	89·9	90·2	91·0	88·9	87·9	86·6	85·1	84·0	82·6	82·0	81·4	83·1
19	81·1	80·7	81·0	81·1	81·1	81·7	82·1	82·2	83·2	83·5	84·2	84·4	85·3	84·7	85·9	85·6	85·1	84·0	82·1	81·0	80·3	79·7	79·1	79·0	82·5
20	79·0	78·9	78·6	78·6	78·7	79·0	79·3	79·8	79·8	80·5	81·0	81·9	82·6	82·6	83·0	82·5	82·4	81·9	81·2	80·8	80·5	80·5	80·5	80·6	80·6
21	80·7	81·0	81·5	81·7	81·8	81·9	82·1	83·0	83·7	85·3	86·3	87·9	87·9	85·9	86·3	87·2	87·1	86·4	85·9	85·0	84·6	84·1	84·1	84·1	84·3
22	84·3	84·8	84·8	84·9	84·5	84·6	85·0	84·3	83·2	83·3	83·7	84·8	86·0	85·0	85·5	84·7	84·8	84·9	84·1	83·7	83·3	83·0	83·1	82·9	84·3
23	82·4	82·0	81·8	81·7	81·7	81·3	81·7	83·0	83·9	83·0	82·4	83·2	85·0	83·6	82·9	82·0	82·2	82·0	81·1	81·0	80·9	80·9	80·8	80·6	82·2
24	80·4	80·2	80·2	80·0	80·2	80·4	81·7	81·1	82·1	82·2	83·0	85·9	84·9	84·0	85·0	84·2	82·5	82·2	81·6	80·8	80·3	80·1	80·0	80·1	81·8
25	80·3	80·5	80·1	80·1	80·4	80·3	81·0	82·6	83·0	83·6	81·9	81·9	84·1	82·0	80·8	82·0	81·8	82·6	82·0	81·7	80·8	81·3	79·9	80·4	81·5
26	80·4	80·4	80·3	80·0	80·0	80·3	81·5	82·5	83·7	84·7	84·3	84·8	84·4	84·5	84·1	82·7	82·9	82·3	82·0	81·7	80·5	81·2	81·8	81·5	82·2
27	81·7	81·8	81·7	82·0	82·2	82·8	83·2	83·4	83·5	84·3	84·1	84·8	83·9	83·9	83·9	83·6	83·2	83·0	82·8	82·5	82·7	82·7	82·7	82·7	83·0
28	82·6	82·5	82·4	82·4	82·5	82·6	82·7	83·0	83·8	83·6	85·1	85·3	86·0	85·3	85·7	85·6	86·1	86·3	86·3	85·2	82·9	81·6	82·4	83·1	83·9
29	82·1	81·3	81·7	81·7	83·3	83·8	85·9	86·2	87·9	89·8	90·8	91·3	91·8	92·4	92·8	92·5	90·8	90·1	88·1	86·2	85·3	84·8	84·1	83·9	**87·0**
30	83·7	82·7	82·7	82·8	82·9	83·2	83·9	84·8	85·3	84·8	84·2	83·9	83·6	83·3	83·5	83·2	83·8	82·8	82·9	82·8	82·1	81·2	81·2	81·1	83·2
31	81·1	81·0	81·0	81·0	81·1	81·2	81·5	81·9	82·0	82·6	83·8	83·6	84·8	84·9	84·2	84·0	83·1	82·9	82·2	82·0	82·0	81·9	81·8	81·9	82·4
Mean ...	79·2	79·2	79·2	**79·0**	79·1	79·4	80·3	81·0	81·7	82·3	82·8	83·3	83·6	83·6	**83·7**	83·4	82·8	82·3	81·6	80·7	78·0	79·5	79·4	79·4	81·1

131. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **June, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	81·7	81·4	81·0	80·8	80·0	80·0	79·7	79·4	79·5	79·5	78·7	78·7	79·2	80·0	81·9	81·5	82·0	82·9	81·0	80·2	79·5	79·1	78·9	78·6	**80·3**
2	78·4	78·0	77·9	77·9	77·4	77·4	78·0	80·2	80·5	80·9	81·9	82·5	83·1	83·3	84·6	84·2	85·1	83·1	84·1	82·0	80·0	79·0	77·0	75·7	80·6
3	74·5	74·4	73·2	72·0	73·3	76·2	80·0	81·5	82·9	83·9	84·9	84·8	85·0	85·2	84·5	84·7	86·0	84·0	83·9	82·3	81·0	79·0	77·5	75·5	80·4
4	74·8	75·0	74·0	74·2	75·0	77·3	79·9	82·7	84·0	85·5	86·0	86·9	87·1	88·2	86·8	86·1	85·0	84·1	83·7	82·8	82·0	81·0	79·0	78·3	81·6
5	78·3	77·7	77·5	77·9	78·2	79·2	81·1	82·7	84·8	85·4	86·7	87·0	87·3	86·9	86·8	86·2	86·3	85·9	85·1	84·0	83·9	83·0	83·0	72·8	83·1
6	82·8	82·7	82·7	83·1	83·5	83·6	83·7	83·2	83·5	84·0	84·3	84·0	84·0	84·0	83·7	83·8	83·4	83·4	83·4	83·5	83·1	83·0	83·0	83·0	83·4
7	83·0	83·0	82·7	82·5	83·0	83·0	83·4	83·7	84·0	83·7	83·7	84·1	85·7	87·3	89·0	88·8	88·1	88·1	86·7	86·1	85·7	84·5	84·4	84·5	84·9
8	84·5	84·6	84·7	84·3	84·3	84·5	84·7	85·0	85·5	85·0	85·7	86·0	85·8	86·2	86·5	85·2	86·5	86·8	86·0	85·5	85·2	84·9	84·7	84·7	85·3
9	84·1	84·1	84·0	83·8	84·2	84·7	84·3	84·9	85·8	86·1	87·4	86·3	85·9	87·0	86·0	86·7	86·0	85·1	84·2	83·8	83·6	83·2	83·0	83·0	84·9
10	82·7	82·2	82·1	82·3	82·7	83·0	83·3	83·8	85·7	85·5	85·5	85·8	84·8	84·3	84·2	84·0	84·0	83·7	83·6	83·6	83·5	83·8	83·8	83·3	83·8
11	83·1	83·0	82·8	83·0	83·1	83·8	84·0	85·0	84·7	84·2	85·3	85·2	85·0	85·7	86·9	86·5	86·9	87·5	87·7	85·3	83·5	82·8	83·0	82·5	84·6
12	82·7	83·1	82·3	81·9	82·0	83·2	83·0	83·3	83·7	84·0	84·8	83·4	83·0	83·6	82·9	82·0	81·0	80·8	80·4	79·7	78·9	78·8	79·0	79·0	82·0
13	78·9	78·3	78·3	78·4	78·8	79·0	79·6	80·2	82·1	81·8	82·7	83·5	83·0	84·0	84·6	84·8	85·2	84·9	83·3	81·1	79·1	77·7	77·0	76·2	81·0
14	75·8	74·1	73·3	72·4	74·0	77·0	79·5	82·9	84·5	85·8	86·8	87·3	88·0	88·9	88·8	88·9	87·6	86·0	84·7	83·9	83·0	82·9	83·0	82·9	82·4
15	82·9	83·2	83·1	83·2	83·3	83·7	83·7	84·1	84·2	84·3	84·9	85·0	85·6	86·1	86·9	87·0	87·0	85·9	86·0	85·2	85·1	85·0	84·9	84·2	84·7
16	84·1	84·2	81·6	80·3	80·4	81·9	84·3	86·0	87·6	88·0	88·5	88·7	89·9	89·8	90·6	90·1	90·4	90·3	88·8	87·2	85·9	85·5	84·9	84·3	86·4
17	84·3	84·3	84·1	83·8	83·8	83·8	84·0	84·3	86·3	88·3	90·0	90·7	91·4	91·8	92·6	92·2	91·8	90·3	89·0	87·2	86·8	85·8	84·7	84·5	87·3
18	84·2	83·9	83·5	83·5	83·7	85·8	88·1	88·1	88·5	90·2	91·1	91·1	91·1	91·0	91·2	90·9	90·3	88·4	87·7	87·0	86·0	85·2	83·5	82·9	**87·4**
19	81·9	82·0	81·9	82·2	82·9	84·2	85·3	86·3	88·7	88·5	88·4	89·2	88·0	89·5	89·2	89·6	87·9	87·4	86·5	85·1	83·6	83·0	83·1	82·6	85·7
20	82·9	82·0	82·0	81·9	82·5	82·4	83·5	83·9	84·9	86·3	87·2	87·5	88·0	87·9	88·0	88·0	87·1	87·0	86·1	84·2	81·6	80·0	78·5	78·3	84·3
21	78·8	78·0	79·4	80·8	81·4	82·2	83·4	85·0	84·9	83·3	83·7	84·4	87·0	87·0	87·7	87·3	85·7	84·9	84·4	84·0	83·5	81·1	81·8	80·3	83·3
22	79·4	79·1	77·9	78·0	78·5	79·4	81·5	85·8	85·1	86·1	87·0	87·3	88·8	88·3	89·9	90·7	90·0	88·4	88·4	86·1	84·6	84·1	83·0	81·8	84·5
23	81·0	80·2	80·3	79·7	80·7	82·3	84·9	86·1	86·9	85·6	85·8	85·4	86·0	87·1	87·2	86·0	85·6	85·0	85·0	85·0	85·4	85·3	85·1	85·3	84·4
24	84·9	84·9	85·0	85·4	84·8	85·0	85·3	86·7	86·5	88·0	89·0	89·9	90·0	89·8	91·4	90·9	91·0	89·7	87·3	86·7	85·2	85·6	85·7	85·8	87·3
25	84·8	83·8	82·1	79·5	80·2	84·3	86·4	86·9	87·4	87·0	86·9	87·0	87·0	87·7	87·9	87·8	87·3	87·3	87·3	86·8	85·9	85·4	85·3	85·5	85·7
26	85·2	86·0	85·7	85·6	85·8	86·2	86·4	86·5	85·5	85·0	84·9	84·9	85·0	85·2	86·4	85·2	85·5	85·3	85·1	84·8	84·9	84·9	85·0	85·3	85·4
27	85·3	85·3	85·1	84·0	83·1	83·1	83·7	84·0	85·4	86·4	85·7	87·0	87·0	87·3	86·9	87·0	86·9	85·3	84·9	83·2	81·6	80·4	80·3	79·7	84·6
28	80·9	78·6	78·7	79·5	80·5	81·0	82·4	82·6	82·5	83·5	83·1	82·9	83·0	83·4	83·3	83·3	83·3	83·5	83·8	83·8	83·8	83·9	84·0	84·1	82·4
29	84·5	84·6	84·5	84·5	84·5	84·7	85·3	85·6	85·9	87·2	86·0	86·6	86·2	86·6	86·6	86·7	86·2	85·6	85·5	85·1	84·5	84·0	84·0	84·0	85·4
30	83·8	83·7	83·6	83·5	83·1	82·7	83·6	83·8	83·7	85·0	85·3	86·0	87·5	87·5	86·2	85·8	86·2	85·1	84·4	83·2	82·1	81·0	80·3	80·8	84·1
Mean ...	81·8	81·5	81·2	**81·0**	81·3	82·1	83·2	84·1	84·8	85·3	85·7	86·0	86·3	86·7	**87·0**	86·7	86·5	85·9	85·3	84·3	83·4	82·8	82·3	82·0	84·1
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15,	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

132. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **July, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	80·9	81·0	80·3	79·9	80·3	81·3	82·0	83·2	83·6	84·9	86·2	86·8	87·5	86·8	87·8	87·8	86·2	85·1	84·8	84·4	83·9	83·1	82·2	83·8	83·8
2	84·1	83·3	82·6	82·3	82·4	83·0	84·0	84·3	85·0	85·5	86·3	86·7	86·0	85·0	85·0	85·4	84·9	84·9	84·8	84·3	84·2	84·0	84·1	83·9	84·4
3	83·7	83·2	83·1	83·1	82·8	82·9	84·0	84·2	85·0	85·3	85·8	87·2	87·0	86·9	85·4	85·3	83·7	82·5	82·3	82·4	82·0	82·0	82·0	81·3	83·9
4	81·9	82·1	82·2	82·3	82·0	82·0	83·3	83·8	84·5	84·7	85·2	86·5	86·0	86·0	85·3	84·7	85·4	84·8	84·8	84·1	82·3	81·8	82·2	82·0	**83·7**
5	81·9	81·9	81·9	81·7	82·0	82·1	82·5	84·1	85·2	84·4	85·3	85·9	85·0	85·4	85·8	85·8	85·8	84·8	84·2	83·3	82·9	82·3	82·5	83·6	**83·7**
6	83·7	83·3	82·8	81·1	81·8	82·7	84·1	83·6	84·0	86·0	86·8	88·5	88·3	89·2	88·7	86·8	86·7	86·7	85·3	84·5	84·5	84·1	84·4	84·3	85·1
7	84·3	84·3	84·0	83·9	83·7	83·7	84·0	84·3	84·7	85·0	86·0	86·9	86·8	88·0	87·7	87·4	86·4	86·0	85·9	85·2	84·5	84·6	84·3	84·0	85·2
8	83·9	84·1	83·5	83·3	83·8	84·3	84·7	85·0	84·9	86·0	87·9	88·0	87·9	87·0	86·9	86·1	86·3	85·5	85·2	85·1	84·8	84·8	84·7	84·1	85·3
9	82·7	83·0	81·8	81·7	82·2	83·0	83·8	85·7	88·9	89·4	90·1	91·0	91·2	92·7	91·7	91·9	90·1	90·0	88·9	87·5	86·0	84·8	83·7	82·7	86·9
10	81·7	81·2	80·3	81·0	81·8	82·7	83·7	85·1	85·3	85·4	85·8	85·7	85·9	86·1	86·2	86·0	86·0	85·9	86·0	85·9	85·8	85·8	85·9	86·0	84·6
11	85·8	85·7	85·7	85·8	85·8	85·8	86·0	86·3	87·0	87·3	87·2	86·8	87·1	86·9	87·0	87·0	86·8	86·9	87·9	87·4	85·9	85·9	85·3	84·4	86·4
12	83·4	83·9	83·9	84·9	85·1	87·3	91·2	93·7	94·8	95·8	96·9	96·5	96·0	96·2	97·3	96·5	92·5	89·1	87·1	87·2	86·5	86·2	85·9	85·7	**90·1**
13	85·3	85·3	85·3	85·2	85·4	85·3	85·9	85·9	86·0	87·3	87·2	87·9	86·5	85·9	87·4	86·5	87·1	86·1	85·4	85·0	83·8	84·2	84·2	83·9	85·8
14	83·3	83·7	83·0	82·1	83·3	84·3	84·6	86·0	87·5	86·9	87·9	87·9	89·0	88·2	88·0	87·9	87·0	86·4	86·0	85·7	85·3	85·3	85·3	85·3	85·8
15	85·3	85·1	85·1	85·3	85·3	85·3	85·4	85·5	86·1	86·2	86·3	87·0	87·0	87·7	88·9	88·7	88·9	88·6	86·5	85·8	85·3	85·1	84·8	84·5	86·3
16	84·9	84·9	84·2	83·8	84·0	84·8	85·1	86·0	86·6	86·9	87·0	87·9	88·7	87·9	87·0	86·8	87·0	86·6	85·5	84·9	84·6	84·2	84·1	84·1	85·7
17	83·9	83·2	83·0	82·5	83·2	83·9	84·1	84·8	84·7	86·2	85·2	86·3	86·9	86·7	85·7	86·0	85·1	85·4	85·1	85·0	84·3	83·7	83·2	82·2	84·6
18	81·9	81·8	82·6	82·9	83·0	83·5	84·8	85·7	85·0	85·7	86·4	87·2	87·0	87·9	86·4	88·7	86·7	87·2	86·2	85·7	85·1	84·0	83·5	82·5	85·1
19	82·9	83·5	83·6	83·9	83·9	84·7	85·1	85·7	86·6	87·1	89·6	90·1	90·2	89·9	90·5	90·0	89·3	88·3	88·0	84·7	82·4	81·1	80·1	79·2	85·9
20	79·1	78·0	77·8	76·9	77·4	81·2	82·9	85·8	87·2	87·8	89·2	89·5	90·1	86·0	87·7	89·1	89·8	88·6	87·8	86·2	85·2	84·5	84·6	84·8	84·8
21	84·3	84·4	84·2	84·0	83·9	84·0	84·2	84·3	84·7	85·1	85·7	85·9	85·9	85·9	86·2	86·3	85·9	85·4	85·1	85·0	85·1	84·9	84·8	84·5	85·0
22	84·2	84·1	84·2	84·2	84·0	84·2	85·0	86·1	88·0	88·7	89·9	89·8	90·1	88·2	87·1	86·5	87·3	86·4	86·0	85·7	85·0	84·5	83·8	83·8	86·1
23	83·4	82·9	81·7	81·0	83·4	84·2	84·8	85·0	85·6	87·4	87·0	86·3	86·0	85·8	84·8	84·9	85·8	86·3	85·1	84·3	82·2	82·2	82·2	82·5	84·4
24	82·1	81·8	81·5	81·0	82·1	82·2	83·1	83·8	84·5	85·1	83·3	84·7	86·7	86·6	87·1	87·1	87·3	86·6	85·0	84·0	83·5	82·8	83·0	82·9	84·1
25	82·8	83·0	82·7	82·3	82·5	83·3	83·5	84·8	85·9	87·0	86·9	86·7	86·8	86·9	88·5	89·1	88·4	87·6	87·4	85·5	84·3	83·9	83·5	83·1	85·3
26	82·8	80·8	80·3	81·7	82·1	82·9	83·6	84·9	86·4	87·0	87·3	87·7	89·2	90·4	88·4	88·6	87·7	86·8	86·2	85·0	84·8	84·1	84·1	81·1	85·2
27	80·0	79·4	78·5	77·3	77·0	79·3	82·5	84·1	85·2	86·3	87·8	87·4	88·1	88·1	87·8	87·1	86·3	86·0	85·4	85·0	83·7	83·1	82·8	83·0	83·8
28	82·4	82·1	82·5	82·8	82·7	82·8	83·1	83·2	83·9	84·0	84·6	84·9	84·4	84·9	84·6	84·4	84·4	84·5	84·0	83·9	84·1	84·5	84·8	84·9	83·8
29	85·0	85·2	85·3	85·2	85·3	85·4	85·9	85·8	85·9	86·9	86·7	86·5	86·0	86·0	86·8	86·8	86·2	86·7	86·0	85·8	85·7	85·5	85·4	85·6	85·9
30	85·3	85·1	85·1	85·1	85·3	85·8	86·4	87·1	87·9	88·8	89·0	88·1	88·3	89·6	88·8	87·5	87·4	88·8	87·0	86·0	85·1	85·1	85·7	85·1	86·8
31	84·9	85·1	85·3	84·8	84·5	84·9	85·0	86·0	86·5	87·6	87·8	87·4	89·0	87·8	86·9	86·6	86·1	86·2	86·0	86·1	86·1	86·0	85·9	85·9	86·2
Mean ...	83·3	83·1	82·8	**82·7**	83·0	83·6	84·5	85·3	86·0	86·7	87·2	87·6	**87·8**	87·6	87·5	87·4	86·9	86·5	85·8	85·2	84·5	84·1	84·0	83·7	85·3

133. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **August, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	85·9	86·1	86·0	85·9	85·5	85·5	85·4	85·7	86·0	85·8	87·0	86·0	86·0	86·0	86·0	86·1	86·1	86·0	86·0	86·0	85·8	85·8	85·7	85·7	85·9
2	85·7	85·7	85·1	85·3	85·0	85·1	85·1	86·9	86·8	87·6	88·9	90·0	91·2	89·2	90·6	90·0	89·0	88·9	86·3	85·2	85·6	85·7	85·0	83·9	**87·0**
3	83·8	82·1	82·8	82·5	82·1	82·1	83·5	85·7	85·6	85·6	85·8	85·4	85·8	85·7	86·0	84·8	84·2	84·8	85·0	85·1	85·2	84·0	83·5	83·2	84·4
4	83·3	83·3	83·9	83·1	83·3	84·0	84·4	85·1	86·0	86·9	87·3	88·0	88·0	89·0	88·8	88·1	88·4	87·7	87·0	86·6	86·3	86·2	86·3	86·8	86·1
5	86·9	87·0	87·0	87·2	87·3	87·3	87·7	88·3	89·5	89·0	88·6	87·9	87·7	88·6	88·9	88·1	88·0	87·5	87·0	85·9	85·1	84·4	84·0	83·0	87·2
6	83·1	82·0	82·6	82·8	83·1	83·2	83·7	83·9	84·5	85·8	86·1	85·7	87·0	86·4	87·0	86·8	85·9	86·0	84·9	83·1	82·1	81·3	80·0	79·7	84·1
7	80·1	79·9	80·4	81·0	81·1	81·9	83·2	85·1	86·4	84·9	84·2	87·2	87·9	86·2	88·6	88·0	86·3	86·3	84·1	83·3	81·9	81·8	81·6	81·8	83·8
8	80·3	81·0	77·9	77·1	77·1	78·3	82·3	86·4	86·9	87·6	88·0	87·0	88·3	87·9	88·0	88·1	88·3	86·1	85·6	85·1	83·1	82·0	81·5	80·4	84·0
9	78·8	78·4	77·1	76·8	77·1	77·9	79·9	82·0	85·7	87·2	87·4	88·0	88·1	88·8	88·6	88·2	88·1	87·3	85·7	84·7	82·4	81·2	80·3	79·7	83·3
10	78·9	78·2	78·0	78·0	78·1	79·4	81·0	82·7	84·1	87·9	88·1	88·8	88·7	88·8	88·8	88·5	88·1	87·4	86·9	85·9	85·2	85·0	83·8	83·9	84·3
11	85·1	85·2	85·4	85·3	85·5	85·4	85·7	85·9	86·1	86·4	86·7	87·1	87·0	87·0	86·5	86·1	86·0	86·3	86·0	85·9	85·8	85·9	85·8	85·7	86·0
12	85·4	85·0	85·1	85·0	85·0	85·0	85·6	86·1	86·5	87·4	87·3	88·5	88·8	89·1	90·2	88·7	87·9	87·4	85·4	83·1	84·1	83·8	83·1	81·0	86·1
13	79·9	79·0	79·1	79·3	79·3	79·2	82·7	84·7	88·4	90·0	91·0	90·7	90·2	90·4	85·9	88·1	87·0	86·6	86·1	85·7	84·8	83·0	82·1	81·7	84·8
14	82·4	82·8	83·1	84·2	84·0	84·1	84·5	85·0	86·4	86·5	87·1	87·6	86·4	86·5	86·1	86·0	86·1	86·4	85·0	84·0	83·7	82·3	81·8	81·7	84·7
15	81·3	80·8	79·2	78·3	78·9	80·3	82·9	83·9	85·0	82·2	85·9	86·4	86·4	87·4	86·8	86·8	86·0	85·0	84·2	82·5	82·5	83·1	83·1	83·2	83·4
16	83·2	83·1	82·9	83·0	83·0	82·6	83·2	83·8	85·0	85·6	85·6	84·9	84·6	84·9	83·7	85·0	86·9	84·8	84·1	83·1	82·3	80·0	79·7	80·3	83·6
17	80·2	79·4	79·8	79·5	80·2	81·5	82·8	84·0	84·8	84·0	85·6	85·2	86·0	85·3	83·0	82·3	82·1	82·0	82·1	82·0	81·5	82·0	82·4	82·6	**82·5**
18	82·5	82·6	82·5	82·2	82·6	82·6	83·0	84·3	85·0	86·2	85·9	85·2	86·0	86·6	85·2	87·0	87·3	85·3	83·9	83·2	83·0	82·7	82·2	82·1	84·1
19	82·1	81·0	81·1	82·5	81·6	82·6	83·3	84·3	85·0	85·8	86·6	88·0	85·8	85·3	85·2	85·3	85·5	85·0	84·1	83·5	83·1	82·9	82·8	82·5	83·9
20	82·5	82·1	82·2	82·2	82·4	82·7	82·9	83·2	84·4	84·3	84·7	85·4	84·8	84·7	83·8	84·0	84·0	83·6	83·4	83·7	83·8	83·9	83·6	83·5	83·6
21	83·2	83·2	83·2	83·2	83·2	83·5	84·0	84·1	84·4	85·0	84·7	85·8	85·4	86·2	86·5	85·9	85·4	84·7	84·3	84·0	84·1	84·0	83·7	83·9	84·4
22	83·5	82·9	83·2	83·2	83·2	83·3	84·0	83·9	85·0	85·6	87·4	87·0	84·0	86·0	87·7	87·6	86·1	86·0	85·0	84·5	84·0	83·3	83·4	83·1	84·7
23	83·5	83·8	83·6	83·4	83·4	83·1	82·7	82·7	85·0	84·8	86·0	86·4	86·9	87·0	86·9	86·3	84·9	84·7	83·3	83·0	82·9	82·9	82·6	82·9	84·3
24	82·3	82·5	81·9	81·7	81·7	81·6	82·3	83·2	84·2	85·7	86·0	85·7	86·0	85·4	85·9	85·3	84·8	85·8	84·7	84·0	83·3	82·7	82·5	83·0	83·8
25	82·9	82·8	82·9	82·8	81·8	81·7	83·0	83·6	83·9	84·4	84·3	84·7	84·2	84·0	84·1	84·0	84·4	85·0	84·0	83·0	82·2	81·4	81·9	82·4	83·3
26	82·1	82·0	81·3	81·0	81·1	81·1	82·5	83·1	83·6	84·0	84·1	84·0	83·5	83·9	84·0	85·0	85·0	83·7	83·0	82·3	81·9	81·9	81·0	81·1	82·8
27	80·3	80·5	80·9	81·1	79·8	80·3	80·7	82·0	83·1	85·2	86·5	87·1	86·3	88·5	84·0	86·0	87·2	84·9	84·0	83·9	83·0	80·9	80·0	78·6	83·2
28	78·0	78·2	78·3	79·0	79·8	80·0	81·1	82·0	82·7	83·7	84·0	84·3	84·9	85·1	85·5	86·0	85·8	85·3	85·0	85·0	85·0	85·0	85·0	85·3	82·9
29	85·3	85·4	85·8	85·3	85·0	84·9	84·9	85·0	85·4	85·9	85·5	86·0	85·9	86·0	85·9	86·0	85·8	85·0	85·0	85·0	85·0	85·0	85·0	85·0	85·4
30	85·0	85·1	85·1	85·1	85·0	85·0	85·2	85·7	86·2	86·2	87·0	88·0	87·6	88·2	88·7	88·1	87·0	87·1	86·3	85·7	84·4	84·5	84·8	84·9	86·1
31	85·0	85·0	85·0	85·3	85·3	85·4	86·0	86·2	86·3	86·7	86·8	87·6	88·2	88·9	89·0	86·8	87·0	86·4	86·0	85·8	85·8	85·6	85·8	85·6	86·3
Mean ...	82·7	82·5	82·3	82·3	**82·3**	82·6	83·5	84·5	85·4	85·9	86·5	86·8	86·7	**86·9**	86·6	86·5	86·3	85·8	84·9	84·3	83·8	83·4	83·0	82·9	84·5
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

134. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **September, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	85·8	85·4	85·3	85·0	85·0	85·0	85·1	85·5	86·2	86·4	86·9	86·9	87·0	86·9	87·0	87·3	86·8	86·0	85·4	85·0	84·6	84·6	84·7	84·4	85·8
2	84·0	83·1	83·6	82·9	81·0	81·3	84·0	87·1	88·8	89·4	89·0	89·1	89·7	90·0	91·1	89·9	89·0	87·3	86·0	84·7	85·5	86·0	85·9	84·8	86·4
3	84·3	84·0	83·6	83·9	83·3	83·2	83·9	84·9	87·0	88·5	89·8	90·6	90·8	89·3	90·4	88·3	88·2	86·6	83·4	81·6	81·0	82·9	81·1	82·0	85·6
4	81·6	82·6	82·4	82·4	82·1	82·4	83·8	84·4	85·0	87·1	89·2	88·9	89·3	89·5	89·4	90·0	89·0	87·5	85·3	85·1	84·3	84·3	83·9	83·1	85·5
5	83·1	82·0	82·0	82·2	82·4	82·9	83·5	84·0	85·0	86·4	87·0	88·0	88·9	88·9	88·0	86·5	85·8	86·1	86·0	85·4	85·5	85·0	84·8	84·9	85·1
6	84·9	84·9	85·0	85·1	85·1	85·3	85·8	86·9	86·8	87·7	88·1	89·0	89·9	89·4	88·7	88·8	88·1	86·8	85·3	84·1	85·0	84·1	83·7	83·3	86·4
7	83·2	83·1	82·9	83·0	83·1	83·3	83·7	83·9	84·3	84·7	85·0	85·8	85·5	85·3	85·6	85·9	85·7	85·7	85·7	85·8	85·9	86·0	86·3	86·3	84·8
8	86·2	86·4	86·6	86·5	86·3	86·8	86·5	86·6	86·8	87·0	87·9	88·0	88·7	88·7	87·7	87·0	86·4	86·1	86·0	85·9	85·8	85·7	85·6	85·3	**86·7**
9	85·2	85·0	84·9	84·7	84·3	84·2	84·7	84·0	83·9	83·0	82·1	82·8	83·0	83·4	82·8	83·3	81·8	81·2	81·2	81·1	80·4	79·0	78·4	78·1	82·8
10	77·8	77·2	74·8	74·9	74·5	74·3	76·8	79·1	80·6	82·1	81·8	82·1	83·9	83·0	83·0	82·4	82·1	81·4	81·0	80·5	80·1	80·1	80·1	79·9	79·7
11	80·0	81·0	81·8	84·1	84·0	83·7	83·5	83·7	84·3	84·7	85·2	86·3	85·3	84·4	84·7	85·0	84·4	84·3	83·7	83·3	83·3	83·0	84·0	84·5	83·7
12	84·1	84·9	84·4	84·1	84·2	84·9	85·4	85·9	84·8	84·7	86·0	86·4	86·9	86·0	86·4	86·0	85·9	85·5	85·5	85·6	85·6	85·8	85·9	85·7	85·4
13	85·5	85·5	85·6	85·3	84·5	84·4	84·2	84·4	84·8	84·9	84·5	85·1	87·0	86·0	86·9	85·5	85·4	84·8	84·0	83·5	82·9	82·6	82·0	81·6	84·7
14	81·8	81·2	80·5	78·5	77·1	76·1	76·8	81·5	82·7	83·5	85·5	85·4	84·8	83·3	84·6	84·7	83·9	83·9	82·7	82·5	82·2	82·7	82·0	81·9	82·1
15	82·0	81·5	81·9	82·0	82·5	82·9	83·0	83·9	84·3	84·5	84·0	84·9	84·5	84·6	84·5	84·0	84·0	84·0	84·5	84·6	84·5	84·0	83·8	83·2	83·6
16	83·0	82·8	82·9	82·7	82·5	82·5	82·6	83·1	83·8	84·6	84·7	84·5	83·9	83·4	83·7	84·8	85·6	86·5	86·8	86·5	86·5	86·5	86·4	86·4	84·4
17	86·2	86·0	85·8	85·1	85·2	85·5	85·8	86·0	86·7	86·7	87·1	88·1	88·1	84·3	83·4	86·4	86·0	84·5	84·0	83·6	83·5	83·0	83·3	83·0	85·5
18	82·6	83·0	82·7	83·0	82·6	82·3	82·6	82·6	82·3	83·5	85·0	84·5	85·3	85·7	85·5	85·3	84·8	83·5	82·5	81·5	80·2	80·8	79·6	80·1	83·0
19	78·5	77·9	77·1	75·6	74·8	75·0	79·6	81·0	82·7	83·6	84·2	85·2	84·8	84·2	84·9	84·5	83·6	83·0	82·5	82·1	81·5	81·5	81·3	80·7	81·2
20	80·9	80·5	80·2	80·4	80·9	81·0	81·5	82·0	82·9	83·9	83·6	84·0	83·9	84·0	84·0	83·5	83·3	82·8	82·9	83·2	83·5	84·0	84·0	83·0	82·6
21	82·8	82·8	83·8	83·4	82·0	81·8	82·0	82·5	82·2	82·1	81·1	83·0	83·5	84·8	79·8	81·6	80·6	81·0	81·0	80·8	80·1	78·6	77·8	76·1	81·6
22	76·4	76·3	76·0	76·2	77·2	78·3	78·1	78·6	80·0	81·1	82·1	83·5	81·1	82·9	84·4	81·2	82·0	80·1	77·7	76·1	76·2	77·0	77·0	78·3	**79·0**
23	80·0	80·4	80·4	79·3	79·4	80·0	80·8	81·4	81·6	82·0	81·9	82·5	83·7	83·0	82·4	82·1	82·4	82·0	81·1	81·2	80·8	80·2	81·0	80·6	81·2
24	80·4	80·0	80·0	79·9	79·7	78·7	78·3	79·8	80·9	82·2	83·0	83·0	83·8	84·5	83·5	81·0	81·3	80·2	78·4	77·8	76·8	76·7	75·9	75·0	80·1
25	75·0	74·6	75·2	75·2	75·9	75·9	76·0	77·0	80·6	82·8	83·8	83·7	85·2	85·9	85·4	85·3	83·9	83·0	82·6	81·4	81·2	80·0	80·2	79·9	80·3
26	80·0	80·2	80·5	80·5	80·6	80·9	81·2	81·8	82·1	83·7	83·3	83·0	83·1	83·1	83·9	84·0	83·0	81·6	79·8	80·2	79·9	78·5	79·7	80·9	81·5
27	80·5	78·7	76·1	75·9	74·9	74·0	75·0	76·1	79·0	82·1	84·2	86·0	85·0	86·1	85·5	84·7	83·8	80·4	78·2	78·0	76·1	75·1	75·0	74·7	79·5
28	75·1	75·9	76·9	77·1	77·9	78·1	81·1	81·7	83·1	83·2	85·0	85·0	84·6	84·8	84·3	83·6	83·7	83·7	83·8	83·1	83·3	83·3	83·8	83·9	81·7
29	84·0	84·0	84·0	84·1	84·3	84·3	84·3	84·2	84·2	84·1	84·0	83·9	84·6	85·3	85·3	85·0	84·4	84·3	84·1	83·9	83·9	84·8	83·5	82·9	84·2
30	83·9	83·9	83·5	83·1	83·0	82·3	82·7	82·9	83·5	85·0	85·0	84·0	84·0	83·0	81·8	82·1	82·5	82·0	81·5	81·2	81·0	81·0	80·4	79·0	82·7
Mean ...	82·0	81·8	81·7	81·5	**81·3**	81·4	82·1	82·9	83·7	84·5	85·0	85·4	**85·7**	85·5	85·3	85·0	84·6	83·9	83·1	82·6	82·4	82·2	82·0	81·8	83·2

135. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **October, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	77·0	75·2	74·4	74·0	73·3	73·0	73·0	75·2	79·0	82·0	81·3	82·2	83·3	83·0	83·0	82·9	81·9	81·6	81·3	81·3	81·2	81·1	80·6	81·0	79·2
2	80·7	80·7	80·2	80·2	80·5	80·3	80·7	80·3	80·9	81·4	82·8	82·7	83·5	83·8	83·9	83·6	83·2	83·0	82·2	82·2	82·3	82·2	82·3	82·2	81·9
3	82·2	82·1	81·8	82·0	80·6	81·4	82·2	82·4	83·1	83·8	84·5	84·0	84·4	85·0	84·5	83·6	83·2	83·0	83·0	82·8	82·5	82·0	81·9	81·8	82·8
4	81·8	81·7	81·8	81·4	81·1	81·0	81·1	81·5	83·8	84·3	86·0	86·8	86·9	85·8	85·6	84·8	84·2	80·2	79·7	80·4	81·7	82·1	81·8	82·1	82·8
5	81·9	82·0	82·0	82·3	81·8	81·0	80·8	81·2	81·8	82·8	83·0	83·5	83·4	83·3	83·4	83·0	81·8	81·1	80·8	80·8	81·0	80·9	80·7	81·0	81·9
6	81·1	80·7	80·0	79·8	79·8	79·4	78·3	78·7	79·7	80·0	81·3	81·7	81·6	81·2	81·2	80·5	80·8	80·6	80·3	80·0	79·6	79·1	79·0	79·1	80·2
7	79·0	79·0	79·0	79·0	79·7	79·8	79·8	79·5	80·0	79·8	82·0	81·3	81·4	82·7	82·6	81·9	81·1	79·1	78·0	76·5	76·4	76·3	75·3	74·5	79·4
8	75·0	75·9	75·8	75·3	75·3	74·4	73·9	76·0	79·0	82·8	83·2	84·0	83·6	83·7	83·8	82·7	80·0	77·0	76·1	76·9	76·9	77·4	77·1	77·3	78·4
9	76·5	76·2	76·6	76·8	77·0	76·9	75·3	77·3	80·0	81·4	83·0	81·3	82·4	82·1	82·0	81·5	80·7	81·0	81·1	81·4	84·0	84·7	84·0	84·0	80·2
10	84·0	84·0	84·0	84·0	83·9	83·8	84·0	82·0	84·3	84·0	84·9	85·2	84·5	83·9	83·0	83·1	83·0	82·8	82·6	82·8	83·1	83·3	83·5	82·1	83·6
11	79·5	78·6	79·5	80·9	81·1	81·3	80·9	81·8	83·4	84·0	84·9	84·9	84·9	84·4	83·8	83·8	83·7	83·3	83·0	82·2	82·2	82·0	81·0	81·1	82·4
12	82·1	82·6	83·0	82·9	81·3	80·1	80·6	81·1	82·0	83·7	84·3	85·0	85·5	84·9	84·1	83·8	81·1	79·3	78·1	78·3	79·6	80·3	80·2	80·5	81·9
13	79·1	80·3	80·2	80·6	80·9	81·2	81·3	82·2	85·0	85·3	86·6	88·3	89·0	89·3	89·0	87·0	86·1	85·0	84·3	84·0	83·0	83·0	82·6	82·0	83·9
14	81·5	81·0	81·0	80·3	79·7	79·7	79·0	79·8	82·8	86·8	89·3	90·8	92·0	92·0	91·8	91·0	87·4	80·0	83·8	83·1	82·5	82·0	79·9	79·8	**84·1**
15	79·1	79·0	79·0	79·1	78·8	77·6	76·7	78·0	81·0	84·8	86·5	87·2	87·8	88·1	87·8	87·0	84·0	81·2	80·2	78·4	77·1	75·9	75·5	75·0	81·1
16	75·7	76·1	76·8	77·7	78·3	79·0	79·8	80·4	80·2	80·4	81·3	81·7	81·9	83·0	83·0	83·0	82·9	82·9	83·0	81·9	81·7	81·8	80·7	80·0	80·4
17	80·0	77·9	78·1	79·1	79·3	78·0	78·0	80·3	81·2	82·0	82·1	83·4	84·0	84·5	83·8	82·4	79·9	79·1	79·9	79·8	79·5	79·3	79·1	79·0	80·4
18	78·8	78·0	75·5	74·9	75·3	75·7	76·1	77·0	78·6	79·5	80·0	80·6	81·0	81·1	81·1	81·0	80·3	80·0	80·0	80·0	80·3	80·7	80·7	81·3	79·0
19	80·4	80·3	80·3	80·3	80·3	81·1	81·9	82·1	82·7	83·6	84·0	84·7	85·0	85·0	85·0	84·4	84·0	83·1	82·4	82·3	82·1	82·3	82·7	82·9	82·6
20	82·6	82·2	82·2	82·2	82·1	82·3	82·5	82·6	82·9	83·5	84·1	85·2	85·1	84·8	84·0	83·4	82·6	81·5	80·7	80·3	79·9	79·6	79·1	79·0	82·3
21	78·8	78·7	78·3	78·1	78·2	78·0	77·8	77·5	78·7	79·0	79·3	80·3	79·0	79·0	79·0	78·1	77·8	77·7	77·3	77·1	76·7	76·1	76·2	75·7	78·1
22	75·1	74·3	74·4	75·0	74·4	73·0	73·7	73·4	77·0	78·0	79·6	79·3	79·8	80·0	79·9	79·0	78·0	75·7	74·4	74·0	73·4	73·3	73·3	73·8	**75·9**
23	74·1	74·7	74·9	75·0	75·8	76·0	76·3	77·1	77·8	78·9	79·1	79·7	80·1	81·1	81·6	81·2	80·0	79·0	78·3	76·0	74·9	74·7	73·9	73·2	77·2
24	73·2	73·2	73·0	73·1	73·0	73·8	74·3	75·0	77·3	79·9	80·1	82·0	82·5	82·6	81·6	81·7	78·5	78·0	76·3	75·3	75·9	75·4	75·0	76·3	76·9
25	77·0	77·2	77·4	77·2	77·2	76·4	75·1	75·7	76·9	78·2	78·8	78·9	79·0	79·0	78·9	79·0	78·2	77·9	77·9	77·9	77·8	77·8	77·1	77·2	77·6
26	77·4	77·5	77·3	77·3	77·3	77·2	77·6	78·0	78·6	80·1	80·7	80·3	81·1	80·7	80·0	79·3	79·0	79·1	79·7	79·7	79·8	79·8	79·9	80·0	79·0
27	80·1	80·2	80·3	80·4	80·5	80·6	80·5	80·8	80·8	81·1	81·1	81·7	81·7	81·7	81·4	81·1	81·1	81·0	80·9	80·7	80·5	80·5	80·7	80·7	80·8
28	80·6	80·3	80·3	79·6	79·2	79·8	79·7	80·1	80·5	80·8	81·0	81·5	81·7	82·5	82·4	82·3	81·9	81·9	81·9	81·7	80·7	80·2	80·3	80·3	80·9
29	80·4	80·4	80·5	80·8	81·9	82·1	81·6	82·1	82·9	84·1	84·3	84·7	84·7	84·9	84·6	84·8	84·8	84·9	84·3	84·7	84·5	84·0	83·8	83·0	83·2
30	82·2	82·2	81·8	81·8	81·9	81·7	81·6	81·8	82·0	80·7	80·3	80·8	80·2	81·4	81·6	81·2	81·2	81·2	81·2	81·0	81·0	81·0	80·7	81·0	81·4
31	81·2	81·3	81·3	81·5	81·6	81·6	81·7	81·7	81·7	82·0	82·1	82·5	82·9	82·5	82·1	81·7	81·6	81·2	80·8	80·7	80·7	81·0	80·8	80·9	81·5
Mean ...	79·3	79·1	79·1	79·1	79·1	78·9	**78·9**	79·4	80·8	81·9	82·6	83·1	83·3	**83·5**	83·2	82·7	81·7	80·7	80·4	80·1	80·1	80·0	79·7	79·6	80·7
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

136. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulb above ground) = 0·9 metres. **November, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	81·0	80·7	81·0	81·0	81·3	81·5	81·0	81·1	81·1	81·8	82·1	82·2	82·2	81·9	81·5	81·0	80·6	80·2	80·0	80·3	81·4	81·3	80·6	80·6	81·1
2	80·2	81·0	81·1	81·1	81·1	81·0	81·0	81·0	81·1	81·9	81·0	81·9	81·6	81·7	82·3	81·0	79·8	79·4	79·1	79·3	78·9	78·3	77·8	77·9	80·5
3	77·6	76·1	75·0	75·0	73·9	73·4	74·6	74·7	75·3	76·9	77·8	78·2	78·4	77·9	77·1	76·1	75·7	73·9	73·8	72·7	72·5	71·1	72·0	70·0	75·1
4	71·3	73·2	72·2	71·7	71·1	72·0	71·0	70·5	70·3	73·6	77·3	76·9	77·9	77·7	78·8	78·1	77·3	76·8	77·2	77·8	78·0	78·7	78·8	78·9	75·1
5	79·9	80·1	80·8	80·9	81·0	80·8	80·4	79·9	81·3	82·0	83·0	83·0	83·9	83·9	83·5	82·1	81·0	77·8	76·9	75·0	74·1	73·6	72·6	72·1	79·7
6	72·1	71·6	71·7	71·1	71·0	70·6	71·3	71·4	73·9	76·5	79·8	80·5	81·6	82·0	81·5	80·2	79·7	78·2	79·1	79·2	79·2	79·2	79·3	79·1	76·5
7	79·2	79·1	79·1	79·1	79·0	79·0	78·8	79·0	79·2	79·7	79·7	80·0	79·5	79·8	79·7	79·4	79·0	79·0	78·8	78·8	78·6	78·5	78·4	78·2	79·1
8	78·7	78·7	78·7	78·8	79·0	79·0	79·0	79·0	79·0	79·1	79·3	79·8	79·9	80·2	80·2	80·0	79·6	79·3	79·0	79·3	79·6	79·8	79·9	80·2	79·3
9	80·2	80·2	80·0	79·9	79·3	80·1	80·0	79·6	79·7	80·7	81·0	82·2	82·2	81·3	80·8	80·3	79·4	78·2	78·0	78·0	74·8	74·0	74·8	75·4	79·3
10	75·3	75·8	75·7	75·3	75·4	76·5	77·2	77·3	77·8	78·4	79·2	80·3	82·0	83·8	84·6	83·0	81·6	80·0	78·7	78·5	79·0	79·5	80·0	80·1	78·9
11	80·2	80·2	79·8	78·7	79·1	79·8	80·0	80·3	81·0	81·1	81·3	81·1	81·1	81·2	81·7	82·0	81·6	79·9	79·3	78·0	77·2	77·0	75·7	74·8	79·8
12	74·0	73·8	73·7	76·2	77·4	76·3	74·1	72·8	74·2	76·2	80·0	80·4	80·5	80·2	79·2	77·3	75·2	73·9	73·9	74·0	74·6	74·8	74·2	74·7	75·9
13	73·9	74·2	74·0	73·9	74·1	74·0	73·9	73·7	74·8	77·0	79·5	80·6	81·1	81·2	79·5	76·2	74·3	73·2	72·0	73·1	73·5	72·9	72·7	73·0	75·3
14	74·1	74·9	75·2	76·1	76·8	76·7	76·9	78·0	78·7	79·5	79·8	79·7	79·8	79·8	79·5	79·5	79·0	79·1	79·0	79·1	78·8	78·9	78·9	78·9	78·1
15	79·0	79·0	78·6	78·4	77·6	77·1	75·6	75·8	76·0	77·7	79·0	79·0	78·9	79·0	77·3	76·1	76·0	76·1	75·6	75·0	73·0	72·0	71·1	71·0	76·6
16	70·0	70·1	69·7	69·2	69·7	68·4	68·2	68·3	69·4	71·2	72·8	74·8	76·2	76·3	75·5	73·3	72·0	71·1	69·9	69·1	67·9	68·8	68·1	68·0	**70·8**
17	67·8	67·2	68·2	69·1	69·7	70·0	73·6	74·6	74·8	75·0	75·1	74·5	74·7	74·5	74·8	75·1	75·1	75·3	75·8	76·1	76·3	76·7	77·0	77·4	73·5
18	78·4	78·5	79·0	78·9	78·9	79·0	79·1	79·7	79·7	79·8	81·9	82·5	82·5	82·0	81·7	78·0	77·2	76·2	76·0	75·1	74·2	72·8	72·0	71·2	78·2
19	70·5	72·2	76·1	76·5	76·9	76·8	76·8	75·0	76·3	80·4	82·0	82·4	82·5	83·0	82·8	82·3	82·3	82·3	82·1	82·1	82·1	82·1	82·2	82·2	79·3
20	82·1	82·0	81·1	81·0	80·3	79·7	80·3	80·5	80·0	79·8	80·9	81·1	81·5	81·3	81·1	81·0	80·5	80·7	80·4	80·3	80·2	80·0	80·0	79·8	80·7
21	79·6	79·4	79·2	79·3	79·8	79·9	80·0	80·3	80·3	80·6	81·0	81·3	81·2	81·2	81·3	81·4	81·1	81·5	81·1	81·0	80·8	81·0	81·2	81·4	80·6
22	81·5	81·6	81·5	81·8	82·0	82·1	82·0	82·0	82·2	82·2	82·2	82·2	82·2	82·2	82·2	82·2	82·2	82·3	82·5	82·4	82·5	82·7	82·9	83·0	82·2
23	82·2	82·0	81·0	81·0	80·3	80·3	80·8	80·7	82·0	83·2	84·1	84·3	84·4	84·7	84·8	84·0	84·0	83·3	82·9	82·8	82·8	82·4	82·2	82·1	**82·6**
24	81·9	81·1	81·1	81·0	81·2	81·3	81·3	81·3	81·1	81·0	80·9	81·0	80·9	80·9	80·6	80·9	80·8	80·8	80·6	80·5	80·4	79·9	79·4	79·3	80·9
25	79·1	78·9	78·9	79·0	78·8	79·1	79·5	79·6	79·6	79·8	80·4	80·5	80·7	80·2	80·5	80·9	80·7	81·0	81·0	80·3	81·1	81·3	82·0	82·1	80·1
26	82·3	82·3	82·4	82·7	82·5	82·4	82·2	82·1	82·4	82·9	83·1	83·1	83·0	83·0	82·8	82·5	82·6	82·5	82·4	81·9	81·3	81·4	81·2	81·1	82·4
27	81·0	81·2	81·1	80·2	80·2	80·2	80·3	80·0	79·9	79·9	80·0	80·5	80·3	80·4	80·1	79·8	80·0	79·5	79·7	78·7	77·5	77·5	77·5	77·5	79·8
28	77·4	77·4	77·3	77·2	76·7	76·5	75·0	75·2	74·0	74·9	75·4	76·7	77·5	78·0	77·1	76·7	76·1	75·9	75·8	73·3	73·8	73·7	73·7	74·1	75·9
29	75·1	75·9	76·0	76·4	76·8	77·3	78·2	78·3	78·6	80·2	80·3	81·1	81·1	81·2	80·9	80·3	80·4	80·4	80·6	80·3	79·8	80·7	81·0	80·9	79·1
30	80·5	80·4	80·0	80·3	80·3	79·8	79·1	80·0	80·2	80·9	81·4	81·9	81·6	81·5	81·5	81·2	81·0	81·0	81·0	81·1	80·9	80·8	81·0	80·4	80·8
Mean ...	77·5	77·6	77·6	77·7	77·7	77·7	77·7	77·7	78·1	79·1	80·0	80·5	80·7	**80·7**	80·5	79·7	79·2	78·6	78·4	78·1	77·8	77·7	77·6	**77·5**	78·6

137. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **December, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	80·7	80·4	79·1	79·8	79·8	79·7	79·7	79·7	79·8	80·1	80·7	81·0	81·1	81·0	80·6	80·5	80·0	79·4	78·9	78·0	78·9	78·0	78·3	77·2	79·7
2	79·2	79·0	79·1	79·2	77·7	77·3	77·0	78·8	78·3	80·2	80·4	80·0	80·0	79·7	79·4	79·2	79·1	79·0	78·9	78·8	78·8	78·8	79·0	78·9	79·0
3	79·0	79·1	79·2	79·2	79·2	79·3	79·2	79·3	79·1	79·2	80·0	80·7	81·0	80·9	80·9	80·2	80·3	80·0	79·7	79·7	79·8	79·1	79·0	79·4	79·7
4	79·7	79·7	79·7	79·3	79·0	79·0	78·7	78·4	78·7	78·9	79·0	78·7	78·4	78·4	78·7	78·9	79·2	79·7	79·9	80·0	80·0	79·9	79·7	79·6	79·2
5	79·8	77·9	77·0	76·5	76·0	76·2	79·1	79·9	80·2	80·2	80·8	81·0	80·7	80·5	80·2	80·2	80·3	80·4	80·4	80·2	80·0	79·7	78·2	79·0	79·4
6	79·0	77·9	77·4	77·9	78·2	78·3	78·2	78·3	78·3	78·1	78·6	79·4	79·1	79·7	79·1	79·2	79·0	78·0	78·7	79·3	79·9	80·2	80·5	81·0	78·8
7	81·2	81·0	81·2	81·1	81·2	81·2	81·2	81·3	81·5	81·6	81·7	81·5	81·5	81·1	81·3	81·1	81·0	80·7	81·0	81·1	81·2	81·2	81·2	81·0	81·2
8	81·0	81·0	81·1	81·1	81·0	81·2	79·8	79·0	79·0	79·8	80·3	80·5	80·6	80·8	80·9	80·7	80·7	80·6	80·8	80·8	80·5	81·0	81·0	80·6	80·6
9	80·4	80·4	80·5	80·5	80·4	80·3	79·0	78·4	78·3	78·2	78·9	81·1	80·2	80·2	80·0	79·8	80·0	80·0	80·0	80·0	79·9	79·9	79·8	79·7	79·8
10	79·7	79·5	79·7	79·5	79·3	79·6	80·0	80·3	80·9	81·1	81·3	82·1	82·0	82·1	82·0	81·9	81·7	81·3	81·1	81·0	80·9	80·6	80·3	80·4	80·7
11	79·9	78·8	78·9	78·9	79·2	79·1	79·4	79·9	80·7	80·7	80·8	81·1	81·0	81·1	81·0	81·1	81·3	81·4	81·7	81·3	81·1	81·0	80·8	80·9	80·5
12	80·9	80·5	80·1	80·3	80·4	80·4	80·3	80·4	80·7	80·5	80·7	80·9	81·0	81·2	81·4	81·5	81·7	81·6	81·6	81·7	81·4	81·4	81·4	81·5	81·0
13	81·3	81·2	81·1	81·1	81·0	81·0	80·7	80·4	79·9	79·3	79·2	79·2	79·4	79·5	79·5	79·4	78·8	78·0	77·1	78·0	77·5	76·0	77·3	76·0	79·4
14	75·0	74·1	74·7	74·1	74·9	74·9	75·6	75·7	75·9	76·5	76·9	77·3	77·8	78·0	78·0	77·8	77·5	77·1	76·1	75·2	74·9	74·3	73·6	72·5	75·8
15	71·9	71·7	72·5	73·3	73·6	73·9	74·1	75·1	76·1	76·5	77·0	77·2	77·2	76·8	76·6	76·7	77·0	76·9	77·7	78·1	78·1	78·1	78·2	78·3	75·8
16	78·3	78·1	78·1	78·2	78·0	77·9	78·9	78·9	78·5	78·4	79·0	78·8	79·0	78·7	78·5	77·7	76·3	75·7	75·5	75·0	74·2	73·7	72·8	72·6	77·2
17	72·7	73·2	73·8	74·7	76·2	78·8	79·0	79·3	79·6	80·0	80·5	80·6	81·0	81·4	81·3	81·2	81·6	81·6	81·6	81·5	81·9	82·1	82·2	82·9	79·3
18	83·0	83·0	82·8	82·1	82·2	82·0	81·9	81·9	82·0	82·0	82·0	82·0	82·0	82·1	82·4	82·0	82·1	82·0	82·2	82·0	82·3	82·2	82·2	82·1	**82·2**
19	82·1	82·1	81·7	81·3	81·1	80·7	80·9	80·3	80·1	80·0	80·0	80·3	80·9	80·4	80·6	80·7	80·6	81·0	81·1	81·1	81·1	81·0	81·0	81·4	80·9
20	81·4	81·2	81·2	81·3	81·2	81·0	81·0	81·0	81·3	82·0	82·2	82·1	82·0	82·1	82·2	82·2	82·2	82·2	82·1	81·8	81·8	81·8	81·7	81·3	81·7
21	81·0	80·7	80·5	80·4	80·3	80·1	80·1	80·1	80·0	80·0	80·0	79·9	79·8	79·2	78·8	78·3	78·0	77·7	77·4	77·1	76·9	76·3	75·3	75·5	79·0
22	75·3	75·1	75·0	75·0	75·1	75·7	75·9	75·5	74·7	74·7	74·9	75·8	76·3	76·3	76·6	76·6	77·8	79·0	79·5	80·8	81·1	81·3	82·0	81·9	77·0
23	81·7	81·2	80·8	81·0	81·4	83·2	83·2	83·3	83·2	83·1	82·8	82·0	81·0	80·8	80·0	80·2	80·8	80·4	79·5	78·0	78·1	79·0	79·0	79·2	81·0
24	79·4	79·1	78·7	78·9	78·7	78·0	78·0	77·9	77·5	78·1	78·1	78·8	79·3	78·8	78·4	78·4	78·5	78·0	76·9	77·6	77·9	78·2	78·0	77·5	78·3
25	78·0	77·9	78·9	78·3	77·3	76·7	75·9	74·9	75·1	74·7	74·9	75·0	74·9	75·6	75·6	75·5	74·6	74·2	74·4	75·0	75·5	75·9	76·5	76·5	75·9
26	77·0	77·1	77·6	78·6	79·3	79·9	80·3	80·0	79·7	79·6	79·4	78·0	78·0	76·7	77·0	76·7	76·8	77·0	77·0	76·7	77·1	77·3	78·1	78·1	78·0
27	78·1	78·1	78·7	79·3	80·0	80·5	81·0	81·2	81·8	81·1	79·7	78·5	78·1	77·9	74·9	74·5	74·3	74·7	74·6	74·4	75·0	74·9	75·5	76·0	77·7
28	76·0	76·0	75·5	76·0	75·6	76·0	74·9	74·5	74·3	74·5	74·9	74·8	75·4	75·1	74·3	74·7	74·4	74·1	74·4	74·9	74·8	75·2	75·1	75·0	75·0
29	75·0	74·9	74·8	74·5	74·5	75·0	75·3	75·1	74·9	75·4	76·8	77·7	78·3	78·5	78·6	79·0	79·3	79·5	79·5	79·7	79·8	80·0	80·3	80·1	77·2
30	80·7	79·6	78·7	77·2	77·0	76·9	76·7	77·3	76·8	76·7	76·7	76·3	76·0	75·8	75·7	74·7	74·4	73·5	73·3	73·6	72·7	74·1	74·0	73·9	76·1
31	73·7	73·9	74·0	74·8	74·4	73·5	73·9	74·3	73·9	73·7	73·7	74·0	74·0	74·1	74·1	74·0	73·3	73·7	73·5	73·7	73·7	73·4	74·2	74·1	**73·9**
Mean ...	78·8	78·5	**78·5**	78·5	78·5	78·6	78·7	78·7	78·7	78·9	79·1	79·2	**79·3**	79·2	79·0	78·9	78·8	78·7	78·6	78·6	78·6	78·6	78·6	78·5	78·7
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial **2** or **3** of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

TEMPERATURE: ANNUAL MEANS OF HOURLY VALUES.

From readings in degrees absolute at exact hours, Greenwich Mean Time.

138. Eskdalemuir : Louvred Hut : $h_t = 0{\cdot}9$ metres. **1924.**

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
78·41	78·29	78·17	**78·13**	78·15	78·35	78·83	79·49	80·30	81·00	81·57	81·96	82·20	**82·27**	82·21	81·86	81·17	80·70	80·12	79·63	79·22	78·92	78·69	78·51	79·93

TEMPERATURE: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

139. Eskdalemuir : Louvred Hut : $h_t = {\cdot}09$ metres. **1924.**

Month.	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a*
Jan.	275·91	−0·68	−0·61	−0·52	−0·36	−0·44	−0·31	−0·39	−0·30	0·00	+0·27	+0·71	+0·99	**+1·19**	+1·11	+1·00	+0·66	+0·26	+0·16	−0·12	−0·25	−0·37	−0·57	**−0·74**	−0·7
Feb.	275·47	−0·55	**−0·71**	−0·67	−0·69	−0·60	−0·63	−0·62	−0·58	−0·11	+0·35	+0·72	+1·09	+1·24	**+1·50**	+1·37	+1·20	+0·50	−0·03	−0·21	−0·35	−0·44	−0·54	−0·58	−0·5
Mar.	274·30	−2·84	−3·14	−3·35	−3·18	−3·43	**−3·52**	−3·12	−1·72	+0·24	+1·87	+3·06	+3·80	+4·27	+4·52	**+4·57**	+4·15	+3·23	+1·43	+0·34	−0·28	−0·93	−1·48	−1·98	−2·5
April	277·29	−2·59	−2·55	−2·73	**−3·17**	−3·00	−2·76	−1·73	−0·20	+1·11	+1·84	+2·41	+2·75	+3·42	+3·55	**+3·74**	+3·01	+2·38	+1·64	+0·34	−0·48	−1·10	−1·53	−2·01	−2·2
May	281·11	−1·81	−1·82	−1·89	**−2·04**	−1·96	−1·65	−0·79	−0·06	+0·59	+1·24	+1·73	+2·24	+2·51	+2·46	**+2·57**	+2·23	+1·62	+1·19	+0·44	−0·44	−1·20	−1·63	−1·76	−1·8
June	284·05	−2·26	−2·56	−2·90	**−3·06**	−2·77	−1·91	−0·86	+0·08	+0·78	+1·22	+1·68	+1·92	+2·23	+2·64	**+2·93**	+2·69	+2·47	+1·82	+1·23	+0·24	−0·61	−1·27	−1·68	−2·0
July	285·28	−1·93	−2·10	−2·38	**−2·55**	−2·26	−1·60	−0·79	+0·03	+0·78	+1·43	+1·97	+2·32	**+2·47**	+2·34	+2·23	+2·09	+1·61	+1·15	+0·51	−0·15	−0·86	−1·22	−1·38	−1·6
Aug.	284·52	−1·86	−2·07	−2·18	−2·19	**−2·21**	−1·92	−1·00	−0·05	+0·90	+1·41	+1·93	+2·24	+2·18	**+2·35**	+2·12	+2·03	+1·76	+1·25	+0·43	−0·20	−0·68	−1·16	−1·49	−1·6
Sept.	283·23	−1·37	−1·49	−1·63	−1·76	**−1·95**	−1·91	−1·20	−0·39	+0·44	+1·26	+1·76	+2·21	**+2·44**	+2·25	+2·15	+1·80	+1·40	+0·69	−0·08	−0·52	−0·78	−0·91	−1·09	−1·3
Oct.	280·69	−1·37	−1·51	−1·62	−1·55	−1·60	−1·73	**−1·78**	−1·24	+0·15	+1·21	+1·94	+2·41	+2·66	**+2·75**	+2·51	+2·00	+1·04	+0·01	−0·27	−0·57	−0·63	−0·73	−1·06	−1·1
Nov.	278·57	−1·04	−0·95	−0·94	−0·89	−0·87	−0·89	−0·86	−0·85	−0·44	+0·56	+1·47	+1·89	+2·13	**+2·16**	+1·93	+1·16	+0·62	+0·07	−0·15	−0·46	−0·73	−0·85	−0·95	**−1·0**
Dec.	278·75	−0·06	−0·33	**−0·38**	−0·32	−0·32	−0·18	−0·12	−0·06	−0·04	+0·10	+0·33	+0·49	**+0·52**	+0·45	+0·27	+0·14	+0·08	−0·04	−0·10	−0·09	−0·06	−0·10	−0·07	−0·1
Year	279·93	−1·53	−1·65	−1·77	**−1·81**	−1·78	−1·58	−1·11	−0·45	+0·37	+1·06	+1·64	+2·03	+2·27	**+2·34**	+2·28	+1·93	+1·41	+0·78	+0·20	−0·30	−0·70	−1·00	−1·23	−1·4

ABSOLUTE EXTREMES OF TEMPERATURE FOR EACH DAY.

Maximum and minimum for the interval 0h. to 24h., Greenwich Mean Time.

140. Eskdalemuir : Louvred Hut : $h_t = 0{\cdot}9$ metres. **1924.**

Month	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	**84·0**	78·7	78·4	71·0	75·4	64·8	79·6	70·7	83·2	76·9	83·0	78·6	88·3	79·9	87·2	85·2	87·6	84·1	83·3	**72·4**	82·3	79·9	81·5	77·2
2	80·5	76·3	80·6	78·2	75·0	62·0	79·5	69·2	82·8	78·1	85·2	75·7	86·8	82·2	91·2	83·8	91·5	80·6	84·0	80·1	82·5	77·8	80·8	76·3
3	76·8	70·0	80·8	78·2	76·0	**60·9**	80·9	67·0	79·0	74·7	86·0	**71·8**	88·0	81·3	86·6	81·8	**91·7**	81·0	85·0	80·0	79·0	70·0	81·1	78·8
4	75·4	68·6	81·1	79·3	77·2	67·2	80·5	71·6	78·5	73·7	88·6	73·7	86·8	81·3	89·8	82·9	90·8	81·2	87·0	79·0	79·1	69·4	80·1	78·3
5	77·6	75·2	81·6	77·8	76·7	63·2	84·3	70·9	82·0	73·5	87·8	77·0	86·8	81·6	90·0	83·0	90·1	80·6	83·6	80·6	84·1	72·0	81·1	75·6
6	77·5	71·1	**81·9**	77·8	77·2	63·0	83·9	72·7	81·3	72·8	85·1	82·4	90·0	81·0	88·0	79·0	90·3	83·3	82·3	78·2	82·0	70·2	81·0	77·3
7	78·1	71·9	79·9	76·0	77·6	68·8	81·6	75·5	82·8	76·5	89·5	82·5	89·0	83·6	88·7	79·0	86·4	82·9	83·0	74·5	80·0	78·2	81·8	80·6
8	74·1	71·0	77·3	75·0	78·2	70·3	81·2	72·2	79·8	74·5	87·0	84·1	88·6	83·2	89·1	**76·3**	89·0	85·3	84·8	73·8	80·3	78·2	81·3	78·6
9	71·1	**64·4**	77·3	74·0	80·1	70·6	79·2	68·9	83·0	72·3	88·0	82·9	93·0	81·7	89·7	76·7	85·3	77·9	84·7	75·3	82·6	73·8	81·1	77·8
10	72·9	67·0	78·2	74·2	85·7	68·0	79·0	69·0	83·5	80·0	87·0	82·0	86·5	80·3	89·0	77·4	83·9	**74·0**	85·2	82·0	84·8	75·0	82·3	79·2
11	73·3	65·0	74·6	72·6	85·8	68·4	79·1	**66·0**	84·6	76·1	88·0	82·2	88·0	84·4	88·0	83·9	86·5	79·9	85·1	78·6	82·1	74·8	81·7	78·7
12	78·8	73·1	74·7	72·9	**86·3**	69·5	78·1	68·9	86·4	74·8	84·9	78 8	**97·9**	83·1	90·4	81·0	87·5	84·0	85·9	77·5	80·7	72·7	81·8	80·1
13	81·6	73·3	73·9	70·8	86·2	70·0	78·5	66·4	86·7	75·5	85·5	79·2	88·1	82·8	**91·5**	78·6	87·1	81·5	89·6	79·1	81·5	71·9	81·5	75·7
14	77·1	71·9	73·0	70·3	84·9	71·9	79·5	70·1	84·9	77·9	89·3	72·2	89·0	82·0	86·7	81·6	86·5	75·6	**92·2**	78·8	80·0	73·0	78·3	72·3
15	80·5	73·0	78·2	71·3	84·8	73·7	81·9	69·1	86·1	80·4	87·2	82·7	89·8	84·5	87·6	78·3	85·2	81·5	88·2	74·3	79·6	70·6	78·3	**71·3**
16	78·2	74·5	76·7	69·7	80·0	69·9	82·9	71·8	85·1	76·3	90·8	79·5	89·0	83·7	87·0	79·4	86·9	82·4	83·2	74·3	76·7	67·5	79·2	72·6
17	73·9	70·4	77·3	70·0	78·1	67·4	83·2	66·5	86·2	74·5	**92·8**	83·2	87·3	82·2	86·3	79·3	88·5	83·0	85·0	77·0	77·4	**67·0**	82·9	72·2
18	79·0	70·1	79·1	72·9	81·5	62·8	84·1	71·4	91·6	**72·0**	92·1	82·8	89·2	81·8	88·1	82·1	86·1	79·5	81·3	74·9	82·6	71·2	83·1	81·8
19	79·2	76·7	76·0	71·7	75·8	67·7	84·0	79·8	86·6	78·9	90·3	81·8	90·9	79·2	88·0	80·9	85·4	74·5	85·6	80·2	83·1	70·2	82·2	79·8
20	79·1	70·1	79·2	73·1	78·8	66·6	**89·7**	79·5	83·1	78·5	88·5	77·1	90·5	76·5	85·4	82·1	84·7	80·2	85·7	79·0	81·5	79·2	82·3	80·9
21	80·0	70·7	81·7	72·1	79·7	64·8	**89·7**	77·8	88·5	80·6	87·9	78·0	86·4	83·8	87·5	83·1	85·0	76·1	80·3	75·7	81·9	79·0	81·3	75·3
22	82·0	78·7	75·7	70·0	80·7	73·7	81·6	70·3	86·2	82·9	91·3	77·3	90·6	83·7	88·5	82·8	84·5	75·9	80·2	72·9	83·0	81·4	82·1	74·3
23	79·0	75·0	80·7	69·7	80·1	77·5	82·4	**66·0**	85·6	80·6	87·9	78·9	88·3	80·8	87·9	82·1	83·9	78·3	81·7	72·7	**84·9**	80·0	**83·4**	77·8
24	79·1	73·0	78·7	74·5	77·5	74·2	82·3	75·6	86·1	79·9	91·8	84·8	88·0	80·7	87·4	81·2	85·4	75·0	82·6	72·8	82·1	79·3	79·6	76·5
25	79·2	72·4	76·9	71·6	77·0	73·9	84·7	79·0	84·6	79·1	88·0	79·1	89·3	81·9	85·6	81·3	86·0	74·5	79·1	74·5	82·1	78·7	79·0	74·0
26	79·6	77·3	76·9	72·3	77·0	73·3	86·2	80·3	86·1	80·0	86·9	84·7	90·6	80·2	85·9	80·7	84·0	78·0	81·1	77·2	83·3	81·1	80·3	75·7
27	78·2	74·8	79·1	70·0	76·5	70·3	84·0	77·1	85·0	81·3	88·3	79·7	88·6	**76·1**	88·8	78·2	86·4	**74·0**	81·8	80·0	81·3	77·4	82·6	74·1
28	80·4	76·4	74·3	**68·6**	76·3	72·2	81·5	75·0	86·9	81·6	84·1	78·5	86·0	82·0	86·0	77·4	85·3	74·7	82·6	79·1	78·2	73·1	76·2	73·9
29	82·0	76·9	77·3	70·1	78·4	68·0	84·2	71·1	**93·0**	81·1	87·7	84·0	87·0	84·9	86·9	84·8	85·4	82·9	85·1	80·3	81·6	74·1	80·4	74·4
30	80·1	76·8	—	—	81·0	69·6	79·4	76·0	85·5	81·1	88·0	80·0	89·6	84·3	89·0	84·3	85·6	79·0	83·0	80·0	82·1	79·0	80·8	72·7
31	79·0	74·3	—	—	80·8	71·0	—	—	85·4	80·9	—	—	89·4	84·3	89·4	84·9	—	—	83·1	80·5	—	—	75·0	73·0
Mean.	78·3	72·9	78·0	73·0	79·6	68·9	82·2	72·2	84·8	77·7	87·9	79·8	88·9	81·9	88·1	81·1	86·7	79·4	84·0	77·3	81·4	74·9	80·8	76·3

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is printed 75·0.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

141. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **January, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	87	90	93	92	90	87	85	88	85	77	78	73	76	86	90	87	89	88	90	93	93	94	94	95	87·4	9·3
2	97	98	98	99	97	97	97	99	99	100	100	100	99	99	99	89	95	92	90	90	84	90	82	85	95·0	8·8
3	84	84	85	88	85	85	85	82	88	87	84	87	82	87	91	92	96	96	97	97	97	97	97	96	89·3	6·1
4	96	96	96	97	97	97	96	96	96	98	98	98	98	97	94	99	99	99	97	99	100	100	100	99	**97·5**	5·6
5	95	96	94	98	97	95	98	97	97	92	97	97	97	97	97	97	97	97	95	93	93	93	94	95	95·8	7·8
6	93	93	92	89	88	89	91	90	90	93	94	96	96	95	91	88	83	80	80	81	80	83	78	79	88·3	6·1
7	79	73	87	87	87	88	91	89	88	82	85	80	92	93	89	86	88	85	88	87	85	83	81	83	85·6	6·3
8	85	84	83	83	82	82	85	86	84	84	85	90	90	86	83	86	85	83	87	88	87	84	85	82	85·0	5·1
9	80	78	81	83	78	80	85	88	90	88	86	86	86	86	87	91	93	96	98	97	96	92	90	89	87·5	**3·6**
10	84	78	70	66	66	83	90	91	88	87	91	96	91	92	94	96	97	93	94	90	93	94	95	97	88·0	4·4
11	97	97	97	97	97	97	97	97	96	96	96	96	95	97	97	96	97	97	97	97	88	91	93	94	95·8	4·7
12	97	100	91	80	81	84	87	94	84	77	79	77	77	77	79	83	83	85	81	76	85	92	92	92	84·7	6·1
13	92	94	100	96	92	100	100	98	96	95	94	96	95	94	94	97	96	92	92	93	94	94	92	92	94·9	8·1
14	93	92	91	95	96	96	96	95	94	97	97	87	85	87	87	88	94	94	93	90	91	91	88	89	92·0	6·2
15	91	92	91	89	96	88	90	87	86	90	82	81	80	80	85	86	88	87	89	88	85	85	90	86	87·2	7·4
16	81	77	74	84	84	85	76	91	91	91	93	91	90	86	88	88	89	89	89	87	88	88	86	85	86·3	6·4
17	83	85	84	85	85	83	83	83	83	83	83	83	83	86	84	85	84	83	81	85	85	86	83	83	83·8	5·1
18	83	88	88	91	97	98	97	97	98	99	99	99	98	98	98	100	94	92	97	98	99	97	93	94	95·3	6·3
19	89	87	91	88	95	90	87	89	92	95	90	90	88	87	92	93	95	97	97	91	86	91	90	89	90·9	7·9
20	80	82	83	80	81	85	95	82	83	96	80	80	75	75	74	75	79	84	88	92	91	96	97	97	84·4	6·5
21	97	98	98	97	97	97	97	97	100	95	96	96	94	95	97	94	93	95	95	98	95	94	94	97	96·1	7·4
22	97	96	95	98	96	97	95	96	97	93	94	93	98	97	96	98	94	95	97	98	97	94	95	94	95·9	**9·7**
23	97	98	96	97	97	96	100	98	97	91	88	88	89	89	89	92	87	88	88	89	93	87	92	89	92·4	7·7
24	87	89	90	93	91	97	97	98	97	98	98	100	99	94	95	86	91	97	90	85	85	88	90	92	92·7	7·7
25	95	96	96	88	90	91	95	97	98	96	97	97	93	97	97	96	94	94	93	93	93	95	94	94	94·5	7·2
26	89	89	98	97	97	96	94	94	95	93	90	90	93	92	93	87	90	86	88	87	88	90	91	82	91·5	8·3
27	87	86	82	82	78	82	80	82	77	78	77	74	77	74	79	78	83	88	84	85	85	86	84	84	**81·3**	6·4
28	85	84	85	84	84	85	83	81	83	83	75	75	73	77	79	79	87	88	89	88	93	95	98	95	84·3	7·5
29	97	98	100	100	100	91	91	91	93	90	90	89	93	89	92	86	89	88	90	96	93	93	93	95	92·8	9·1
30	96	97	98	98	96	89	95	95	94	94	94	95	94	92	89	85	85	89	90	93	96	97	97	98	93·5	8·0
31	98	98	98	97	98	95	93	94	95	95	96	94	90	93	88	87	82	75	76	79	83	81	82	86	0.06	7·4
Mean ...	90·0	90·1	90·5	90·3	90·2	90·5	91·3	**91·7**	91·4	90·7	89·9	89·5	**89·2**	89·5	89·9	89·3	90·2	90·1	90·3	90·4	90·3	91·0	90·7	90·5	90·3	†6·9
Vapour Pressure* ...	mb. 6·5	mb. 6·5	mb. 6·6	mb. 6·7	mb. 6·6	mb. 6·7	mb. 6·7	mb. 6·8	mb. 6·9	mb. 7·0	mb. 7·1	mb. 7·2	mb. **7·3**	mb. 7·2	mb. 7·2	mb. 7·0	mb. 6·8	mb. 6·8	mb. 6·7	mb. 6·6	mb. 6·6	mb. 6·5	mb. 6·4	mb. **6·4**	mb. ‡6·8	

142. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **February, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	84	88	89	92	93	93	94	94	93	92	92	94	90	85	83	80	80	85	84	80	81	84	85	81	87·5	6·3
2	81	82	83	83	80	82	83	85	85	86	82	81	81	83	85	85	77	80	75	78	77	78	77	77	81·2	7·9
3	79	81	81	82	82	75	83	83	80	72	73	70	75	78	78	80	74	78	84	83	87	89	87	87	79·8	7·6
4	88	86	89	87	86	86	86	83	84	89	92	86	87	86	81	84	90	89	85	89	89	86	87	87	86·7	**8·8**
5	86	85	86	85	86	87	86	89	88	86	87	84	85	84	80	78	72	76	77	78	79	76	77	82	82·5	8·0
6	81	83	84	84	84	85	87	86	81	84	80	80	80	81	83	86	82	82	81	81	83	83	81	76	82·5	7·8
7	79	78	75	82	82	85	90	93	89	88	86	88	87	77	79	86	91	87	89	96	95	94	92	91	86·3	7·3
8	92	89	91	91	91	92	89	83	82	82	82	73	77	76	76	77	78	79	79	78	78	79	78	77	82·3	6·4
9	77	76	76	80	79	79	80	79	80	79	78	74	77	85	89	88	88	89	92	96	95	95	91	94	83·7	6·0
10	95	91	95	97	97	97	95	90	95	91	89	89	93	92	91	91	88	91	95	94	92	92	90	91	**92·6**	7·0
11	93	95	91	91	91	87	84	83	84	87	87	84	82	82	83	84	88	88	89	89	92	93	94	92	88·0	5·5
12	89	89	89	88	88	86	87	87	86	85	85	85	87	85	91	91	93	89	92	92	96	93	84	85	88·6	5·7
13	87	88	89	89	88	88	87	87	85	83	76	76	75	76	70	74	72	72	73	72	69	70	72	73	79·0	4·5
14	73	69	70	68	70	70	70	71	72	66	70	67	67	72	68	74	79	79	75	75	80	82	84	88	73·0	4·0
15	86	88	89	87	87	88	88	87	79	77	76	77	71	67	67	85	84	82	82	84	85	85	86	87	82·3	5·4
16	89	92	92	90	94	92	89	87	85	84	84	77	71	71	72	72	77	77	85	86	89	89	89	89	84·2	5·5
17	84	88	89	92	93	92	89	93	94	95	94	92	88	86	85	83	87	87	88	93	90	93	95	95	90·1	6·1
18	92	94	95	97	90	92	87	86	82	73	68	70	66	66	65	66	67	67	70	72	71	69	66	66	77·1	5·7
19	67	71	71	71	71	72	73	74	72	71	68	68	68	68	68	67	70	72	76	75	76	78	79	84	71·7	4·6
20	85	88	89	93	93	94	94	94	93	91	90	97	97	91	96	83	99	99	97	99	86	86	86	82	91·8	6·9
21	84	82	82	86	84	84	82	81	77	75	62	63	66	64	62	67	79	83	84	85	89	92	87	79	78·4	6·9
22	82	82	84	77	80	76	76	73	71	72	66	68	66	58	60	62	62	66	71	73	72	72	72	74	**71·5**	4·4
23	77	77	74	74	76	79	76	75	74	62	62	58	61	61	64	67	78	78	83	81	79	79	78	76	72·8	5·2
24	76	77	82	85	83	80	81	78	81	82	92	97	75	74	70	64	66	75	72	76	80	80	86	87	78·9	6·4
25	82	80	81	77	78	79	78	75	72	68	71	64	65	69	89	83	80	84	89	88	89	84	81	82	78·8	5·3
26	81	83	85	86	88	88	86	86	84	77	77	85	83	77	73	73	72	81	82	86	89	88	87	85	82·5	5·5
27	88	88	84	94	97	96	95	95	96	100	97	95	97	83	80	79	72	86	74	69	72	73	71	69	85·7	5·6
28	66	71	70	69	70	69	68	67	61	57	52	52	54	54	55	58	66	73	73	74	77	81	89	92	66·9	**3·7**
29	95	90	95	91	87	82	91	77	76	78	73	74	76	67	71	74	71	75	69	65	64	67	59	64	76·9	4·8
Mean ...	83·4	83·8	84·5	**85·1**	**85·1**	84·7	84·6	83·5	82·1	80·5	79·0	78·2	77·5	**75·8**	76·3	77·3	78·7	81·0	81·5	82·3	82·8	83·1	82·4	82·5	81·5	†6·0
Vapour Pressure* ...	mb. 5·9	mb. 5·8	mb. 5·9	mb. 6·9	mb. 5·9	mb. 5·9	mb. 5·9	mb. 5·8	mb. 5·9	mb. 6·0	mb. 6·1	mb. **6·1**	mb. 6·1	mb. 6·1	mb. 6·1	mb. 6·1	mb. 5·9	mb. 5·9	mb. 5·8	mb. 5·8	mb. 5·8	mb. 5·8	mb. **5·7**	mb. 5·7	mb. ‡5·9	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

143. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **March, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	62	64	69	74	79	79	77	74	69	69	65	60	55	56	55	53	54	54	60	60	62	67	74	79	65·1	3·6
2	83	86	89	88	88	87	85	84	83	80	81	71	76	82	82	85	72	73	82	87	92	92	92	92	83·5	**3·3**
3	93	93	93	94	93	92	93	93	93	80	59	52	54	61	64	69	74	77	83	94	89	92	93	94	82·1	3·8
4	94	94	94	93	93	94	94	94	93	92	80	75	67	71	67	66	71	76	75	76	68	79	81	84	82·3	4·8
5	85	87	88	88	89	89	92	92	93	72	70	59	52	53	52	52	58	70	77	79	81	82	75	73	75·6	3·8
6	72	76	80	82	84	87	89	89	87	74	53	53	56	57	54	60	75	82	86	86	86	87	89	93	76·1	3·9
7	94	87	87	87	87	87	87	79	79	86	85	91	88	84	89	84	91	87	87	87	87	87	88	92	87·0	6·0
8	97	91	90	90	94	93	93	92	86	79	73	77	77	74	73	77	81	80	79	76	82	85	87	87	84·0	5·9
9	86	87	92	92	92	89	92	92	87	71	54	60	58	58	58	61	68	70	77	75	75	76	80	84	76·5	5·3
10	87	92	92	92	92	92	89	83	76	56	45	40	38	40	38	37	42	54	60	69	80	83	91	84	68·8	5·2
11	84	82	82	80	78	77	78	77	70	41	39	39	38	41	39	42	53	63	69	79	82	84	84	85	66·0	5·2
12	86	91	92	92	92	85	85	85	80	61	57	49	49	47	42	43	53	61	76	76	79	78	80	78	71·7	5·8
13	81	78	77	74	71	70	69	67	49	44	41	39	33	33	34	37	38	47	45	58	57	63	69	66	56·1	4·9
14	67	66	64	62	63	69	68	70	66	45	43	39	37	28	35	35	31	56	60	61	65	61	59	61	**54·7**	4·8
15	66	72	79	81	83	86	80	67	60	62	60	56	55	51	53	54	57	71	75	77	85	82	83	85	69·5	5·4
16	97	97	97	96	86	77	77	86	60	63	63	60	59	59	60	55	57	63	67	72	72	79	81	80	73·6	5·2
17	86	92	92	80	81	85	92	85	75	65	63	56	63	61	54	56	60	67	79	80	83	84	87	94	75·5	4·4
18	96	96	97	98	99	100	97	93	65	55	54	51	51	47	52	54	58	66	77	82	85	93	96	97	77·4	4·7
19	98	96	95	94	94	93	95	95	94	85	91	96	98	93	85	84	79	77	84	77	76	81	82	84	88·8	5·5
20	81	79	79	79	81	82	81	78	64	58	55	53	51	55	54	54	52	60	71	80	85	87	87	94	70·6	4·0
21	94	94	95	95	96	96	96	96	82	75	70	61	52	49	51	60	63	67	71	73	79	81	83	85	77·9	4·5
22	87	94	85	86	88	94	94	96	98	98	97	97	98	100	98	94	92	95	93	98	97	98	98	94	94·3	7·6
23	97	97	97	97	93	95	94	92	95	95	94	93	95	93	94	95	93	90	90	94	94	91	91	94	93·9	**8·6**
24	95	95	95	97	97	98	95	94	95	98	97	100	98	97	100	94	96	98	100	100	95	98	97	100	**96·9**	7·4
25	100	100	100	100	100	100	98	97	95	92	90	89	89	89	89	94	94	94	96	98	98	95	97	96	95·5	6·8
26	95	96	96	94	93	92	92	91	88	92	83	83	85	83	82	85	81	84	84	86	88	89	91	92	88·6	6·0
27	92	92	92	92	92	92	92	87	82	77	75	74	72	70	70	69	71	75	82	79	91	94	94	94	83·3	5·4
28	94	92	86	81	82	68	82	82	69	69	69	68	67	65	70	70	69	73	77	82	84	85	91	80	77·6	5·5
29	77	80	95	96	96	97	97	79	67	64	64	65	58	53	55	60	60	65	70	77	83	84	85	91	75·5	4·8
30	95	95	86	84	83	79	78	75	68	67	63	60	60	56	52	57	59	61	72	71	71	75	80	81	72·2	5·3
31	84	86	87	87	94	94	92	82	67	56	57	59	58	65	61	59	62	64	72	85	92	95	96	95	76·7	5·6
Mean ...	87·3	88·0	**88·5**	87·9	88·2	87·7	87·8	85·3	78·5	71·7	67·4	65·3	64·1	63·6	**63·3**	64·3	66·6	71·6	76·7	79·8	82·0	84·1	85·8	86·7	78·0	†5·3
Vapour Pressure* ...	mb. 4·7	mb. 4·7	mb. 4·6	mb. 4·7	mb. 4·6	mb. **4·5**	mb. 4·7	mb. 5·0	mb. 5·3	mb. 5·5	mb. 5·6	mb. 5·7	mb. 5·8	mb. **5·8**	mb. 5·8	mb. 5·7	mb. 5·6	mb. 5·3	mb. 5·3	mb. 5·3	mb. 5·1	mb. 5·1	mb. 4·9	mb. 4·8	mb. ‡5·2	

144. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **April, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	96	96	95	91	88	89	77	81	66	61	61	51	54	53	54	56	58	60	66	79	82	84	87	89	74·0	5·2
2	89	89	90	91	86	82	79	72	69	65	62	58	58	55	54	54	55	63	76	86	88	88	89	90	74·5	**4·8**
3	90	90	94	94	95	95	96	91	78	68	62	55	52	50	51	57	64	70	76	82	86	90	94	95	78·0	5·0
4	95	95	94	96	96	96	95	90	77	84	78	72	63	65	67	71	65	69	83	83	83	85	91	96	82·8	6·1
5	97	96	97	97	95	94	97	90	78	59	58	59	52	49	51	54	60	64	72	75	79	76	78	81	75·6	6·4
6	84	83	95	97	97	98	86	88	74	59	57	60	58	53	55	56	60	62	68	82	83	80	84	83	75·0	6·7
7	83	85	83	84	85	86	81	81	87	83	83	86	89	89	91	86	75	70	71	71	72	75	77	73	81·3	7·3
8	73	84	77	80	79	81	86	76	81	84	73	61	72	60	50	59	71	72	72	78	81	82	82	86	74·7	5·7
9	88	90	90	94	94	94	94	63	58	55	52	58	55	58	58	71	65	67	76	85	94	99	99	99	77·0	5·3
10	98	98	96	96	97	97	95	90	89	90	84	84	61	65	75	76	76	83	88	89	91	94	95	94	87·7	5·6
11	95	94	94	95	96	96	97	95	92	60	73	71	61	64	67	83	87	83	85	91	95	97	97	96	86·0	5·1
12	95	91	89	89	89	91	94	91	86	80	78	89	94	89	75	83	76	82	86	90	94	94	95	98	88·2	5·6
13	97	97	97	96	96	96	96	91	71	61	59	58	77	80	83	92	91	91	90	92	94	94	93	90	86·9	5·5
14	94	94	95	95	94	94	94	94	89	85	84	82	72	75	65	63	61	66	76	79	79	87	91	91	83·3	5·8
15	94	94	89	91	94	84	86	77	74	69	68	63	59	75	63	74	69	69	74	75	88	87	87	85	78·8	6·0
16	82	82	84	81	81	81	78	74	68	59	56	54	53	47	48	48	52	55	59	71	76	80	83	83	68·2	5·8
17	88	86	89	90	91	94	91	87	49	49	46	49	46	46	49	48	47	53	69	81	89	90	91	94	71·1	5·2
18	95	94	89	94	95	95	95	95	95	86	78	79	69	90	85	84	92	77	86	88	89	94	97	95	89·0	8·5
19	93	92	93	93	94	97	96	96	94	97	94	98	86	89	91	85	87	92	92	92	93	92	99	93	**92·9**	10·3
20	93	93	89	93	93	89	87	86	84	80	73	73	68	63	58	61	66	58	69	75	81	84	87	92	79·0	10·2
21	89	94	94	93	89	94	87	87	77	70	67	62	61	59	66	76	77	74	74	73	75	75	82	78	78·3	9·4
22	78	80	82	81	82	80	77	74	67	97	91	84	77	56	60	53	63	72	73	76	82	89	89	89	76·9	6·3
23	94	94	94	94	94	94	90	75	52	49	45	44	45	47	42	44	46	51	61	65	74	81	73	77	**68·0**	5·2
24	89	90	90	90	90	91	93	92	97	92	94	95	93	94	92	89	88	89	95	97	97	97	98	98	92·5	8·2
25	95	94	94	94	94	95	97	100	97	87	87	88	92	87	85	92	92	92	94	93	93	94	94	93	92·7	**10·4**
26	93	94	93	93	92	92	86	83	82	75	74	84	86	85	84	89	90	88	89	90	89	92	89	92	87·7	10·3
27	90	90	91	86	78	82	80	74	65	64	59	55	50	50	55	54	65	79	82	87	88	84	83	88	74·2	7·4
28	84	87	86	85	85	85	85	84	75	69	71	70	75	84	79	86	82	84	85	86	88	87	86	88	82·3	7·3
29	91	91	95	95	95	96	84	74	69	63	67	64	59	62	59	61	66	73	75	75	84	79	85	86	77·0	6·9
30	88	86	92	93	92	90	91	89	86	88	86	81	84	80	80	80	82	84	84	87	88	87	89	88	86·4	7·2
Mean ...	90·3	90·8	91·0	**91·4**	90·9	90·9	89·0	84·7	77·5	72·9	70·7	69·6	67·4	67·3	**66·4**	69·5	70·9	73·1	78·2	82·4	85·8	87·2	88·8	89·3	80·7	†6·8
Vapour Pressure* ...	mb. 6·2	mb. 6·2	mb. 6·2	mb. **6·0**	mb. 6·1	mb. 6·2	mb. 6·5	mb. 6·9	mb. 6·9	mb. 6·8	mb. 6·9	mb. 7·0	mb. 7·1	mb. **7·1**	mb. 7·1	mb. 7·0	mb. 6·9	mb. 6·8	mb. 6·6	mb. 6·7	mb. 6·9	mb. 6·5	mb. 6·4	mb. 6·4	mb. ‡6·6	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

145. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	87	85	85	86	88	88	86	77	73	70	70	62	57	64	61	70	75	80	87	87	91	91	92	91	79·3	7·6
2	91	91	91	91	91	93	90	91	80	75	74	73	75	78	83	77	89	89	89	93	93	92	92	97	86·5	8·5
3	97	94	97	96	82	92	89	91	91	92	92	91	87	91	86	83	83	85	91	90	91	90	88	88	90·1	7·5
4	90	88	89	88	87	87	82	77	72	70	67	67	78	76	79	84	94	94	93	90	92	96	91	94	84·3	**6·2**
5	93	96	88	93	90	86	88	85	85	88	87	75	73	68	58	84	86	76	82	83	85	84	84	84	83·6	6·6
6	84	84	85	88	89	87	88	85	84	74	68	66	71	75	72	67	69	74	78	84	87	88	86	86	79·9	6·8
7	87	87	90	93	92	87	89	86	82	79	67	61	57	65	60	70	77	82	83	73	89	87	88	88	79·9	7·3
8	88	87	87	87	89	89	85	85	85	88	85	81	72	70	69	71	73	69	70	69	72	71	75	75	79·1	6·6
9	77	73	75	78	80	82	77	70	59	57	59	59	53	56	54	58	55	64	77	79	77	90	97	93	70·4	6·3
10	95	95	96	93	96	93	93	93	93	92	88	88	85	88	91	92	91	92	97	95	97	97	92	93	92·7	10·3
11	94	95	94	93	93	94	95	92	91	82	74	77	73	74	72	80	90	75	78	86	85	92	97	91	86·2	8·9
12	89	94	93	92	94	91	90	85	89	84	77	72	67	66	61	58	60	63	72	80	87	91	88	88	80·5	8·6
13	87	83	85	86	87	90	92	93	96	95	95	84	79	69	62	63	59	76	78	86	89	93	92	93	83·7	9·2
14	90	91	90	90	89	88	82	76	75	68	65	71	82	77	77	77	81	82	87	89	93	94	89	92	83·1	9·3
15	86	86	86	90	85	84	84	72	67	75	73	65	60	60	58	57	55	61	67	79	89	85	89	89	75·2	8·8
16	92	90	85	87	89	88	88	89	89	74	70	61	61	65	61	52	62	60	59	62	75	77	78	80	74·9	8·0
17	81	82	82	82	80	77	71	69	65	67	71	64	57	61	62	60	64	71	55	72	83	85	95	91	72·6	7·7
18	96	95	95	95	94	94	80	56	51	47	47	50	47	47	47	46	61	63	69	75	77	81	87	87	**70·4**	8·6
19	90	92	91	91	86	89	85	85	76	78	68	67	63	63	56	57	57	57	72	75	77	80	87	89	76·3	9·0
20	90	90	91	93	95	95	95	94	95	92	89	89	88	87	85	87	87	88	91	92	93	93	93	96	91·0	9·4
21	96	93	93	92	91	92	93	92	91	88	82	76	73	90	91	88	86	94	89	90	92	96	97	97	90·1	12·0
22	95	91	91	90	93	93	97	94	97	97	95	90	82	90	86	91	90	85	88	88	89	89	91	94	91·2	**12·1**
23	95	100	99	97	97	100	93	87	83	78	82	80	69	82	87	87	86	86	85	87	87	87	89	89	88·1	10·2
24	90	91	90	89	86	90	87	85	81	72	76	59	60	76	67	66	76	73	79	86	86	85	86	86	80·2	9·0
25	89	90	90	91	91	91	90	80	75	79	77	88	71	82	86	87	78	75	81	80	85	83	85	87	83·7	9·2
26	87	87	86	92	93	90	82	75	67	59	56	60	55	57	59	75	71	74	77	81	87	89	87	84	76·3	8·8
27	91	91	91	91	93	93	94	94	92	94	98	90	92	92	95	98	98	97	96	98	98	98	98	96	94·3	11·5
28	96	97	97	97	96	96	95	96	91	92	84	79	75	79	79	75	75	74	74	83	87	92	84	85	86·8	11·2
29	86	86	87	87	85	86	78	81	78	72	72	69	73	53	51	51	51	61	66	74	78	77	79	80	73·5	11·6
30	81	85	79	67	67	73	70	77	74	80	92	93	92	96	91	90	90	93	93	92	96	97	97	97	85·6	10·6
31	96	97	97	96	97	97	93	92	93	92	90	92	91	89	93	92	97	93	97	97	99	100	100	95	**94·8**	11·1
Mean ...	**89·9**	**89·9**	89·5	89·7	89·2	89·5	87·1	84·0	81·3	79·0	77·1	74·2	**71·5**	73·7	72·2	74·0	76·3	77·6	80·7	83·7	87·3	88·7	89·5	89·5	82·7	†9·0
Vapour Pressure* ...	mb. 8·5	mb. 8·5	mb. 8·4	mb. **8·3**	mb. 8·4	mb. 8·6	mb. 8·9	mb. 9·0	mb. 9·5	mb. 9·5	mb. **9·6**	mb. 9·3	mb. 9·3	mb. 9·4	mb. 9·2	mb. 9·2	mb. 9·0	mb. 9·1	mb. 8·9	mb. 8·7	mb. 8·7	mb. 8·6	mb. 8·6	mb. 8·5	mb. ‡8·9	

146. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **June, 1924.**

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	96	98	96	100	98	98	94	93	94	98	90	83	77	73	69	65	61	71	74	77	76	77	78	84·9	8·6
2	80	85	87	83	84	80	73	61	60	59	57	58	55	53	49	49	50	63	54	67	71	62	83	87	**66·9**	**6·9**
3	90	89	94	94	94	86	74	71	58	59	55	54	65	61	63	68	62	66	67	69	83	86	93	91	74·6	7·6
4	87	88	86	93	88	85	81	68	65	65	61	55	58	51	61	61	67	71	73	76	79	79	84	88	73·8	8·2
5	86	86	89	87	87	86	84	71	68	66	64	61	65	68	69	68	65	70	78	86	87	86	87	89	77·2	9·5
6	89	91	91	96	93	92	91	96	92	87	92	87	90	90	91	90	93	94	94	93	97	98	95	97	92·3	11·6
7	97	91	90	92	90	93	93	91	96	97	95	95	88	83	69	70	77	79	82	87	92	94	97	96	89·0	12·3
8	96	99	96	97	96	95	94	97	95	91	89	88	90	84	84	85	82	78	79	82	84	81	83	81	88·9	12·6
9	86	86	86	87	85	84	90	89	87	84	81	85	85	79	86	73	75	80	83	88	87	93	97	97	85·2	11·8
10	91	94	93	94	91	92	94	90	81	82	82	74	83	87	91	91	91	95	95	95	96	94	94	96	90·3	11·6
11	97	97	95	93	96	90	92	88	89	96	86	84	91	84	78	80	77	73	74	84	85	87	86	89	87·3	11·8
12	95	90	88	89	90	77	89	89	86	86	81	92	97	83	91	90	92	89	86	89	86	78	79	84	87·5	9·9
13	81	78	79	76	77	74	74	71	64	67	64	59	61	58	58	60	60	60	67	74	82	83	83	84	70·6	7·5
14	84	85	94	95	87	84	80	72	66	68	62	63	63	59	61	51	56	59	63	67	81	87	87	88	73·3	8·6
15	91	95	97	96	96	94	98	96	97	96	92	93	92	94	89	89	89	95	91	98	97	96	96	97	**94·1**	12·8
16	98	94	92	94	95	96	86	77	70	61	61	62	57	54	53	57	54	53	61	70	70	71	75	80	72·9	11·1
17	79	76	77	82	82	83	87	86	78	74	67	69	67	64	53	52	57	59	67	81	70	77	85	84	73·1	11·8
18	86	88	94	90	92	88	82	85	77	68	57	57	61	57	55	57	60	72	77	74	80	85	89	88	75·7	12·3
19	88	87	87	86	87	85	78	74	62	64	64	62	69	65	64	59	65	67	72	79	84	89	86	89	75·5	11·0
20	88	86	88	89	91	88	83	70	67	65	62	58	57	60	62	61	64	62	63	73	79	86	90	91	74·3	9·9
21	90	94	94	89	90	84	81	75	72	93	91	95	67	64	65	58	66	71	81	82	85	90	89	91	81·5	10·1
22	94	93	91	100	98	100	96	70	75	67	68	66	57	60	57	52	57	64	63	76	76	77	78	82	75·9	10·2
23	86	90	91	90	90	87	85	79	78	89	89	93	86	79	82	88	92	96	98	100	95	96	99	96	89·5	12·0
24	99	100	91	95	82	79	79	74	73	69	69	63	63	63	59	63	62	72	85	84	94	92	92	91	79·0	12·8
25	90	93	99	99	97	86	72	71	76	81	89	92	93	93	91	91	92	93	94	94	94	95	95	95	90·1	13·1
26	95	95	95	95	95	94	94	94	94	95	95	95	95	95	91	91	92	94	92	93	96	94	95	95	**94·1**	**13·5**
27	96	95	90	87	79	80	78	76	70	66	68	62	62	62	61	60	62	62	65	70	81	89	83	91	74·9	10·2
28	90	94	95	93	92	92	91	85	90	89	90	91	94	94	92	93	93	93	93	93	94	94	94	94	92·1	10·8
29	94	92	92	93	93	90	84	82	81	76	80	77	79	80	74	78	74	80	81	82	85	92	92	91	84·3	12·0
30	91	91	90	91	81	82	79	75	71	65	60	59	50	57	59	67	66	68	73	82	74	83	82	80	74·2	9·7
Mean ...	90·2	90·6	91·0	**91·4**	89·9	87·5	85·3	80·6	77·7	77·3	75·6	74·6	74·1	71·9	71·0	**70·7**	71·0	74·6	77·4	82·1	84·7	86·3	88·2	89·3	81·4	†10·7
Vapour Pressure* ...	mb. 10·2	mb. 10·2	mb. 9·8	mb. **9·7**	mb. 9·8	mb. 10·1	mb. 10·5	mb. 10·6	mb. 10·7	mb. 11·0	mb. 11·0	mb. 10·5	mb. 11·2	mb. 11·2	mb. **11·2**	mb. 11·0	mb. 11·1	mb. 11·0	mb. 11·0	mb. 10·9	mb. 10·6	mb. 10·3	mb. 10·3	mb. 10·2	mb. ‡10·6	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

147. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **July, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	m.b.
1	80	85	87	87	86	83	82	77	77	71	66	60	68	62	54	56	75	73	79	82	84	86	94	86	76·5	**9·8**
2	86	94	92	96	96	96	93	92	85	82	79	79	77	85	88	84	87	86	84	86	81	86	76	79	86·4	11·6
3	79	84	85	85	87	88	78	80	79	80	77	75	63	59	71	68	77	84	87	90	88	88	87	92	80·2	10·4
4	87	83	83	76	85	84	84	78	74	79	75	64	67	68	74	87	73	78	75	75	84	87	89	87	79·1	10·1
5	88	88	87	88	86	86	82	78	74	80	74	69	81	81	75	73	71	81	88	94	90	96	96	95	83·2	10·6
6	92	96	96	95	92	92	84	90	82	72	69	63	61	53	54	68	65	64	76	83	91	95	95	92	80·1	11·2
7	94	89	92	90	91	92	92	96	92	91	88	88	90	86	80	75	81	85	78	78	81	78	82	84	86·5	12·2
8	84	83	90	87	87	87	91	87	90	91	78	78	78	78	80	82	83	85	88	89	91	90	91	95	85·7	12·2
9	93	91	91	92	96	94	93	91	69	68	65	63	61	59	59	69	73	73	78	83	86	88	91	93	80·0	12·6
10	93	97	97	95	93	96	95	95	96	96	94	93	94	96	96	100	99	100	100	100	100	100	99	98	96·7	13·1
11	96	97	97	100	100	100	100	99	98	96	96	96	99	96	99	98	95	96	91	95	96	95	96	95	**97·0**	14·8
12	95	100	94	89	95	94	87	66	61	60	57	55	54	66	57	62	76	85	96	94	95	96	91	91	79·9	**15·4**
13	96	95	95	95	91	95	91	90	88	78	80	73	84	81	81	77	71	76	80	77	76	74	77	82	83·7	12·3
14	87	85	85	85	82	83	81	74	70	79	70	70	69	67	66	70	76	82	87	90	92	92	90	92	80·0	11·7
15	92	92	93	92	92	93	93	92	86	86	85	83	83	81	73	71	64	69	76	82	86	88	89	92	84·7	12·8
16	90	90	90	92	96	92	99	91	85	81	79	77	71	79	87	79	73	73	81	85	88	89	90	87	85·3	12·4
17	85	87	88	89	89	87	86	86	84	76	82	74	78	79	86	86	89	91	87	89	90	91	91	89	85·7	11·6
18	88	87	85	87	87	90	86	80	87	80	75	76	75	70	84	70	70	67	75	77	80	86	87	84	80·7	11·3
19	88	84	84	81	86	80	82	77	76	77	71	63	62	67	59	62	61	62	66	76	81	85	84	86	**75·0**	11·1
20	87	92	90	95	91	86	88	78	72	71	69	66	71	81	79	67	62	69	77	86	91	91	90	90	80·7	11·1
21	96	96	97	96	94	95	94	96	90	88	90	89	88	89	88	85	88	92	91	90	89	89	90	92	91·3	12·7
22	95	92	92	91	90	89	85	73	76	71	68	69	67	76	83	85	83	82	86	86	88	92	91	91	83·4	12·5
23	95	92	93	97	92	91	87	81	77	73	71	75	77	80	89	90	89	75	76	81	82	84	84	83	84·1	11·3
24	86	84	83	90	87	89	85	86	79	76	85	80	71	66	67	63	62	69	69	76	78	81	79	80	78·0	10·2
25	81	81	82	82	84	81	80	74	73	68	69	72	70	72	66	62	64	70	71	80	84	85	88	87	75·9	10·8
26	88	89	91	90	88	88	89	80	73	69	67	70	61	53	61	57	64	68	69	78	77	77	75	85	75·3	10·6
27	86	93	88	90	93	91	81	84	79	74	68	67	68	68	65	67	74	74	77	84	88	88	88	85	80·0	10·3
28	88	90	87	89	89	89	89	89	90	91	89	85	87	89	92	92	94	92	92	93	97	95	94	94	90·5	11·6
29	94	92	92	93	92	95	89	91	92	91	92	94	94	94	89	88	91	88	90	91	91	94	95	91	91·8	13·6
30	92	96	96	96	95	91	88	86	83	79	78	83	85	81	80	93	94	82	88	88	94	95	94	97	88·8	13·9
31	92	96	95	94	94	90	91	87	84	77	81	81	69	68	81	84	90	92	96	95	95	93	95	95	88·2	13·3
Mean ...	89·5	90·3	90·2	90·5	**90·5**	89·9	87·9	84·7	81·3	79·1	77·0	75·2	**74·9**	75·2	76·2	76·5	77·9	79·5	82·4	85·6	87·5	88·8	89·0	89·3	83·7	†11·9
Vapour Pressure* ...	mb. **10·2**	mb. 11·1	mb. 10·7	mb. 10·7	mb. 11·0	mb. 11·5	mb. 11·8	mb. 12·0	mb. 12·1	mb. 12·3	mb. 12·4	mb. 12·4	mb. **12·5**	mb. 12·4	mb. 12·4	mb. 12·4	mb. 12·3	mb. 12·2	mb. 12·1	mb. 12·0	mb. 11·8	mb. 11·7	mb. 11·6	mb. 11·4	mb. ‡11·8	

148. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **August, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	95	91	94	94	96	95	94	91	91	91	83	90	95	95	96	94	96	96	98	96	96	97	97	97	94·0	**13·9**
2	97	91	95	91	88	87	84	74	72	72	69	60	56	65	66	63	69	72	85	88	86	88	89	87	79·1	12·5
3	89	92	91	93	93	94	94	81	82	85	78	85	84	85	76	90	97	94	96	97	91	87	90	88	88·8	11·9
4	88	88	89	90	87	86	84	85	79	74	74	69	71	64	66	74	75	79	87	88	94	96	97	96	82·3	12·3
5	97	100	99	98	96	96	96	95	90	79	74	87	85	79	76	70	69	70	68	70	78	75	77	85	84·0	13·5
6	82	85	85	87	86	86	83	75	83	73	73	73	68	65	68	64	78	73	75	80	84	83	88	87	78·5	10·3
7	88	87	86	86	89	88	85	76	67	79	83	73	69	69	63	61	65	68	74	78	85	79	78	77	77·4	**9·9**
8	81	78	84	86	90	92	82	74	62	61	68	69	62	67	62	65	61	78	82	85	87	91	93	93	**76·9**	10·0
9	91	94	97	92	98	96	100	100	82	80	78	78	68	71	69	63	63	72	76	88	92	97	94	90	84·6	10·6
10	91	97	94	97	97	94	97	93	93	76	73	65	66	69	67	68	71	75	81	83	88	88	91	95	83·6	11·1
11	89	92	94	96	94	95	91	92	88	86	85	85	87	86	92	95	97	95	89	92	94	94	90	91	91·3	13·6
12	95	89	92	94	94	96	93	93	90	88	85	87	76	70	68	75	79	83	84	94	90	91	90	91	87·0	13·0
13	91	91	97	96	95	95	88	92	74	63	62	65	67	73	90	74	83	87	90	91	93	90	94	94	84·7	11·6
14	95	97	98	98	98	96	92	94	89	89	79	73	89	90	94	92	96	93	88	84	82	87	89	90	90·6	12·4
15	85	87	97	94	91	80	87	85	82	75	68	72	65	62	65	66	68	76	84	87	89	89	89	89	80·5	10·1
16	96	96	92	93	91	92	92	90	97	81	75	88	91	88	85	82	68	82	90	90	90	89	90	95	88·3	11·2
17	96	97	94	96	97	97	90	86	79	86	78	82	76	68	87	93	92	93	92	92	96	91	88	89	89·1	10·5
18	87	84	82	87	83	84	80	78	75	74	69	77	68	67	77	68	67	73	77	81	80	80	84	84	77·8	10·2
19	82	86	89	82	89	85	84	76	74	71	67	64	69	86	74	72	70	71	79	86	88	92	93	91	79·9	10·3
20	93	96	95	96	95	91	91	92	85	84	80	82	81	83	88	91	90	91	94	92	93	91	92	92	89·9	11·4
21	96	96	95	93	96	94	84	86	83	83	83	80	79	76	79	77	77	83	75	78	88	90	93	88	85·6	11·5
22	92	96	88	93	93	92	91	92	89	81	69	63	88	78	74	73	76	76	82	80	81	85	85	87	83·5	11·4
23	86	84	85	84	88	87	89	85	73	79	71	69	67	71	69	74	78	80	85	85	86	87	85	80	80·4	10·7
24	86	82	86	87	84	87	83	86	76	77	71	74	76	82	79	86	89	79	83	87	87	89	89	88	82·9	10·7
25	88	87	87	86	89	90	86	82	83	83	84	79	87	87	93	96	96	84	85	86	84	85	85	84	86·6	10·8
26	91	90	93	89	96	94	87	87	85	85	82	87	87	84	86	77	71	84	84	83	83	80	90	85	85·8	10·3
27	82	90	86	85	89	90	93	90	91	78	76	68	73	65	87	77	73	78	87	85	86	87	93	92	83·2	10·3
28	91	90	96	100	94	98	99	97	96	95	96	96	92	98	95	90	90	95	97	99	99	98	99	96	**95·6**	11·6
29	97	99	96	97	96	92	91	91	91	88	93	87	90	89	90	89	90	94	91	91	95	94	94	96	92·5	13·2
30	96	96	97	97	94	95	96	94	90	89	86	79	83	79	78	81	88	87	88	91	95	93	90	91	89·8	13·4
31	91	95	96	96	96	96	92	94	95	93	92	96	89	81	83	82	85	88	88	89	90	93	90	91	90·9	13·7
Mean ...	90·5	91·1	91·9	92·0	**92·3**	91·6	89·6	87·3	83·4	80·6	77·5	77·5	77·5	**77·2**	78·8	78·1	79·6	82·2	85·0	87·0	88·7	88·9	89·9	89·7	85·3	†11·5
Vapour Pressure* ...	mb. 10·8	mb. **10·7**	mb. 10·7	mb. 10·7	mb. 10·8	mb. 10·9	mb. 10·9	mb. 11·7	mb. 11·9	mb. 11·9	mb. 11·9	mb. 12·1	mb. 12·0	mb. 12·1	mb. **12·2**	mb. 12·0	mb. 12·0	mb. 12·0	mb. 11·8	mb. 11·6	mb. 11·4	mb. 11·1	mb. 10·8	mb. 10·8	mb. ‡11·4	

G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

149. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **September, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	91	88	89	89	89	95	91	81	82	75	78	78	79	79	78	79	85	83	84	83	83	84	85	84·2	12·3
2	87	86	83	86	89	93	87	77	69	70	69	69	69	70	64	70	73	83	82	86	92	88	89	90	80·0	12·2
3	94	91	94	91	92	94	90	82	**78**	74	66	57	56	67	57	66	68	75	84	92	91	88	93	91	80·4	11·6
4	93	92	96	97	95	96	91	93	**91**	87	69	63	56	57	59	51	55	66	82	80	86	87	88	97	80·2	11·5
5	97	97	97	97	95	95	94	97	97	87	86	79	74	72	62	74	76	80	87	87	90	89	90	89	87·2	12·2
6	89	90	92	95	94	94	90	89	88	83	84	79	77	74	80	79	78	88	92	94	90	96	91	96	87·5	**13·3**
7	97	97	94	97	98	96	95	97	95	91	91	90	92	95	92	92	95	95	95	94	96	98	96	96	**94·7**	13·0
8	98	96	94	96	97	96	95	92	91	89	86	84	80	79	81	87	91	91	91	92	94	94	93	94	90·9	14·1
9	92	91	91	89	85	85	81	86	78	79	83	78	72	69	69	65	73	74	74	74	75	78	74	73	79·1	9·5
10	74	74	86	85	86	85	86	74	70	65	64	64	60	65	60	64	66	72	77	80	90	93	95	91	**75·7**	**7·4**
11	95	98	95	92	89	90	92	91	86	80	74	70	86	80	79	78	83	81	79	86	91	94	92	90	86·3	11·0
12	92	89	91	91	93	93	91	87	88	90	77	75	77	89	82	86	87	87	89	90	91	90	88	89	87·6	12·5
13	90	89	89	84	83	84	79	83	79	76	81	78	67	76	66	72	78	85	82	87	85	87	88	92	81·6	11·1
14	89	96	93	89	90	95	94	86	80	82	69	63	70	91	82	80	87	87	79	81	83	79	87	88	84·3	9·7
15	87	92	88	89	89	87	89	85	86	86	88	84	90	84	82	88	93	93	93	92	90	87	84	88	88·1	11·2
16	86	87	88	91	91	90	91	91	84	81	77	83	85	92	92	94	95	94	92	95	94	89	89	89	89·2	11·9
17	86	88	89	88	87	92	89	91	94	97	99	85	79	78	78	70	68	71	75	77	69	71	72	77	82·3	11·8
18	82	80	85	78	84	77	81	80	87	80	68	72	67	64	63	61	66	73	78	79	89	89	90	90	77·3	9·4
19	92	91	95	96	96	98	93	96	88	81	75	76	74	85	76	73	82	85	88	92	93	93	90	92	87·5	9·4
20	89	93	93	93	88	86	88	82	82	79	79	77	77	76	76	81	84	88	81	83	87	90	86	87	84·5	10·0
21	89	92	90	84	80	78	79	77	82	74	83	69	72	61	83	74	80	84	80	79	85	87	88	92	80·8	9·0
22	92	92	96	95	94	93	95	93	93	84	74	81	85	76	65	78	76	83	88	93	90	92	92	94	87·2	8·1
23	86	77	81	83	91	87	88	83	84	85	87	87	79	82	85	86	83	87	90	92	91	94	88	89	86·1	9·3
24	88	86	85	85	82	83	84	76	80	73	66	67	67	61	72	80	83	85	91	88	93	92	93	91	81·3	8·2
25	91	94	97	97	96	95	98	95	96	80	73	74	69	60	68	71	80	84	84	87	87	88	95	94	85·5	8·7
26	93	95	93	92	91	87	88	88	87	79	83	87	88	85	84	85	87	89	90	95	93	91	93	92	89·0	9·8
27	93	93	98	89	92	100	93	97	94	92	83	68	76	68	66	71	78	86	88	88	95	95	93	92	87·0	8·4
28	97	90	92	95	90	95	97	91	91	96	81	75	77	79	82	85	81	82	81	92	94	93	90	90	88·2	9·9
29	92	91	91	93	93	93	95	95	93	93	90	89	88	79	78	75	80	82	84	86	87	91	85	88	88·0	11·6
30	89	90	93	93	87	92	92	91	91	88	87	91	93	88	88	89	84	87	86	84	81	75	71	65	87·0	10·5
Mean ...	90·3	90·3	**91·2**	90·6	90·2	90·6	90·0	87·9	86·1	82·8	78·9	76·4	76·0	76·0	**75·0**	76·8	79·6	83·4	84·8	87·0	88·5	88·7	88·2	89·0	85·0	†10·6
Vapour Pressure* ...	mb. 10·3	mb. 10·2	mb. 10·2	mb. 10·0	mb. **9·8**	mb. 9·9	mb. 10·3	mb. 10·6	mb. 11·0	mb. **11·1**	mb. 11·0	mb. 10·9	mb. 11·0	mb. 10·9	mb. 10·1	mb. 10·7	mb. 11·0	mb. 10·8	mb. 10·4	mb. 10·4	mb. 10·3	mb. 10·3	mb. 10·1	mb. 10·0	mb. †10·5	

150. Eskdalemuir : Louvred Hut : $h_t = 0·9$ metres. **October, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	96	93	94	94	94	93	96	87	75	76	74	68	66	67	77	78	82	86	86	89	94	92	91	84·3	7·9
2	93	94	97	97	95	95	91	96	93	95	77	91	87	83	86	88	89	91	96	96	95	96	95	96	92·1	10·4
3	95	93	92	91	92	93	93	92	91	89	84	84	79	72	75	80	84	86	85	85	85	87	88	89	87·0	10·5
4	89	90	89	94	94	92	94	91	89	79	68	67	67	70	71	71	78	93	89	93	89	88	90	95	84·5	10·2
5	93	93	94	94	92	91	94	97	95	88	85	82	84	82	81	87	84	85	86	86	86	85	80	85	88·1	10·0
6	85	86	86	77	76	72	88	90	81	86	68	78	77	84	89	93	92	91	90	86	87	84	86	85	84·0	8·5
7	86	86	86	86	81	84	81	82	85	87	75	76	70	65	65	67	74	82	87	93	92	93	94	93	81·9	7·8
8	95	90	91	94	94	93	89	90	93	67	64	65	63	65	66	69	79	85	95	88	87	90	90	95	83·2	7·4
9	96	97	92	93	96	94	95	96	93	83	77	83	80	80	81	85	93	93	97	96	100	91	89	91	90·5	9·1
10	92	92	95	92	90	92	87	86	83	82	73	68	66	66	76	84	86	88	91	90	96	96	94	84	85·5	10·8
11	85	89	93	92	88	86	86	86	81	74	70	73	73	80	87	88	87	91	87	87	84	87	89	88	84·5	9·9
12	82	84	88	79	83	85	83	85	87	74	71	72	66	69	74	79	84	85	84	92	89	82	85	82	81·1	9·2
13	85	82	84	82	79	84	84	81	81	84	84	78	77	76	77	86	86	88	91	91	97	98	96	98	85·0	11·0
14	95	96	95	98	92	94	96	93	96	88	67	65	59	60	61	67	79	84	87	86	88	83	85	82	83·5	10·9
15	87	86	86	85	82	84	88	88	88	74	68	67	66	67	68	72	88	86	93	94	93	90	95	91	82·5	8·8
16	94	98	91	91	95	95	93	93	95	96	96	91	97	91	91	91	92	96	97	88	86	84	83	85	92·2	9·4
17	85	84	86	87	83	85	85	79	78	74	75	68	66	63	64	73	85	87	85	85	85	85	86	87	80·0	8·2
18	88	90	89	88	94	90	96	94	90	89	86	82	79	83	87	92	95	95	97	100	97	97	100	99	91·3	8·5
19	90	90	91	91	90	90	97	97	97	97	98	92	93	87	88	90	89	87	83	87	93	93	90	87	91·4	10·4
20	84	86	87	87	89	87	84	84	79	79	75	68	69	68	75	76	80	85	78	82	83	77	81	81	80·3	9·3
21	81	78	81	84	85	87	88	89	86	86	82	79	87	85	78	83	80	84	84	84	81	82	82	79	83·2	7·3
22	84	88	90	85	85	92	93	94	81	83	72	67	63	61	63	72	75	84	84	86	93	94	94	95	82·1	**6·2**
23	89	88	86	89	87	84	86	87	87	89	89	81	84	83	78	83	82	83	79	83	92	88	90	91	85·6	7·0
24	93	93	94	94	94	92	87	86	72	65	64	56	61	57	59	58	76	74	75	90	79	79	84	80	**77·8**	6·4
25	75	74	76	69	69	76	85	84	80	83	80	84	84	86	90	87	95	93	88	88	88	88	90	93	83·3	7·0
26	91	91	92	92	92	92	90	87	88	82	78	83	79	79	86	94	93	94	91	94	92	93	92	94	89·1	8·3
27	94	97	96	94	93	92	93	93	94	96	97	92	92	91	94	97	96	97	95	95	96	95	92	93	94·4	10·0
28	92	95	96	95	97	92	97	97	95	93	96	94	93	94	94	96	92	93	94	95	96	97	100	100	95·0	10·1
29	99	97	97	99	98	98	97	97	97	98	97	95	94	92	92	92	93	94	97	92	92	91	92	88	**95·2**	**11·8**
30	89	88	89	89	87	92	92	92	92	90	88	89	95	92	89	89	89	92	88	86	85	86	90	89	89·4	9·8
31	89	93	89	89	90	90	89	89	89	87	87	85	81	81	83	87	89	85	87	89	85	78	79	85	86·5	9·5
Mean ...	89·2	89·8	90·0	89·4	88·9	89·3	**90·1**	90·0	87·8	84·1	79·6	78·3	77·4	**76·7**	78·5	82·3	85·9	88·2	88·6	89·5	89·7	88·7	89·5	89·4	86·3	†9·1
Vapour Pressure.* ...	mb. 8·5	mb. 8·4	mb. 8·4	mb. 8·4	mb. 8·3	mb. **8·3**	mb. 8·3	mb. 8·6	mb. 9·3	mb. 9·5	mb. 9·5	mb. 9·6	mb. 9·7	mb. 9·6	mb. 9·7	mb. **9·8**	mb. 9·6	mb. 9·2	mb. 9·1	mb. 9·0	mb. 9·0	mb 8·8	mb. 8·7	mb. 8·4	mb. ‡9·0	
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

151. Eskdalemuir : Louvred Hut : h_t (height of thermometer bulbs above ground) = 0·9 metres. **November, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	85	90	86	89	85	83	85	85	87	89	88	86	84	89	89	96	95	95	94	95	93	92	80	81	88·5	9·5
2	86	87	86	86	86	86	86	86	90	88	86	87	90	91	86	86	89	85	86	82	80	83	87	83	86·1	8·9
3	79	83	88	85	87	90	85	85	79	76	69	69	68	64	68	75	74	76	77	79	80	84	77	81	**78·3**	5·5
4	80	69	73	76	76	74	77	78	81	76	69	67	68	76	77	82	92	89	95	91	97	92	92	93	80·6	5·7
5	91	90	85	86	86	89	90	87	84	77	76	70	65	66	70	75	76	81	86	90	94	93	93	93	83·0	8·1
6	94	93	93	93	93	94	94	93	92	88	84	80	71	68	74	76	81	84	84	83	83	83	82	84	85·3	6·7
7	83	84	84	84	86	85	87	83	83	86	77	76	81	80	82	82	87	87	88	88	91	86	86	88	84·3	7·9
8	87	88	88	87	86	86	86	86	86	86	86	83	86	81	82	80	81	83	86	87	86	86	86	84	85·2	8·1
9	86	89	86	86	91	85	86	89	87	80	77	74	75	77	78	81	83	85	85	76	91	95	96	94	84·5	8·0
10	91	88	90	92	93	92	92	93	92	94	97	85	78	70	69	76	81	86	88	91	91	90	88	90	87·5	8·1
11	93	93	90	92	94	91	93	95	91	89	89	94	97	97	93	97	92	89	95	98	97	98	98	100	93·7	9·2
12	91	91	91	91	81	79	85	89	91	84	71	70	64	66	70	77	81	84	88	87	88	85	86	88	82·7	6·2
13	89	92	89	87	92	88	89	93	90	97	83	77	68	74	79	84	91	90	91	89	89	88	90	90	87·0	6·3
14	87	85	85	87	88	89	90	93	91	83	78	78	85	84	85	84	87	86	85	85	86	87	87	87	86·0	7·5
15	86	82	81	80	82	86	90	87	93	90	75	74	75	72	79	83	85	86	86	87	91	91	90	90	84·2	6·6
16	90	90	90	90	92	92	90	90	90	89	87	79	82	84	88	90	92	90	91	91	92	92	92	92	89·3	**4·4**
17	92	92	91	91	91	91	91	90	88	90	94	93	97	95	97	98	100	97	100	98	98	97	100	98	**94·4**	6·0
18	97	94	94	92	95	97	97	95	95	98	89	70	65	74	75	85	85	87	86	85	86	92	90	90	88·2	7·8
19	90	90	77	78	75	75	75	80	80	82	82	78	82	85	81	87	89	86	87	86	85	87	88	85	83·0	7·9
20	84	84	87	83	82	83	79	87	91	91	84	83	81	82	83	84	89	85	89	90	89	89	88	86	85·5	8·9
21	88	89	87	86	85	87	87	87	87	89	85	76	76	78	80	78	80	79	85	87	92	91	94	94	85·1	8·8
22	93	92	94	92	91	91	92	93	93	94	93	94	94	94	96	96	96	96	93	94	94	92	91	90	93·3	10·8
23	88	87	86	86	94	93	92	93	97	97	96	96	95	92	90	98	97	96	97	93	92	94	94	92	93·1	**11·1**
24	92	94	89	96	92	89	90	92	92	88	89	88	89	89	92	89	89	90	93	93	93	89	93	91	90·9	9·6
25	92	90	89	90	90	94	93	90	90	90	88	81	84	90	89	85	90	89	89	94	90	94	87	88	89·5	9·0
26	89	88	90	91	91	95	95	95	92	92	92	93	94	91	90	92	90	91	92	92	94	94	91	91	91·8	10·8
27	92	89	90	86	85	84	85	85	86	89	94	90	91	90	90	94	88	93	90	88	91	91	87	87	89·0	8·7
28	87	85	85	84	82	81	86	85	88	94	93	90	88	84	85	86	86	86	83	87	81	79	77	79	85·2	6·4
29	84	85	87	91	88	92	94	96	95	95	91	92	86	86	85	87	89	89	87	86	87	86	85	87	88·6	8·3
30	93	93	93	94	94	89	91	89	91	87	89	88	84	87	87	89	93	97	98	97	96	95	93	95	91·6	9·6
Mean ...	88·6	88·2	87·5	87·7	87·8	87·7	88·4	89·0	89·1	88·3	85·0	82·0	**81·4**	81·9	83·0	85·7	87·6	87·9	89·1	89·0	**89·9**	89·8	88·9	89·0	87·2	†8·0
Vapour Pressure* ...	mb. 7·5	mb. 7·5	mb. **7·4**	mb. 7·4	mb. 7·5	mb. 7·4	mb. 7·5	mb. 7·6	mb. 7·8	mb. 8·3	mb. 8·5	mb. 8·4	mb. 8·5	mb. **8·6**	mb. 8·6	mb. 8·4	mb. 8·2	mb. 8·0	mb. 8·0	mb. 7·8	mb. 7·7	mb. 7·6	mb. 7·5	mb. 7·5	mb. ††7·9	

152. Eskdalemuir : Louvred Hut : h_t = 0·9 metres. **December, 1924.**

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	95	94	95	93	94	94	94	94	95	96	91	91	91	88	90	88	88	89	89	90	87	88	92	97	91·7	8·9
2	87	89	89	93	95	92	91	87	88	84	81	86	91	89	91	91	93	94	90	90	90	91	90	89	89·8	8·3
3	90	94	95	90	87	86	85	85	88	83	90	93	86	87	87	94	94	93	90	90	90	95	95	94	90·3	8·8
4	90	90	90	91	89	87	86	86	87	86	86	90	94	94	93	95	97	93	97	97	99	98	94	95	91·8	8·6
5	93	88	92	97	95	96	98	89	84	85	81	83	85	83	82	85	80	81	81	83	84	87	89	86	87·2	8·3
6	92	91	90	87	87	84	82	82	83	87	90	88	93	86	91	89	90	90	91	95	97	96	97	100	89·6	8·2
7	98	94	94	94	93	93	94	94	92	89	86	84	82	86	83	84	84	87	86	87	93	94	94	96	90·1	9·7
8	96	96	96	96	96	95	95	93	97	95	95	97	96	95	96	96	95	96	96	95	97	92	89	92	95·2	9·9
9	94	95	96	97	98	98	93	95	97	97	100	89	86	89	94	93	95	94	93	95	95	92	93	91	94·1	9·3
10	91	94	89	93	95	94	95	97	93	96	96	88	92	92	93	91	92	96	97	97	92	92	94	93	93·4	9·8
11	90	93	93	90	93	94	94	97	95	95	91	85	86	87	94	94	96	95	91	96	97	96	93	92	92·8	9·6
12	91	93	91	84	90	91	90	91	90	91	90	88	93	93	93	92	91	90	89	89	92	88	90	86	90·4	9·6
13	86	86	86	85	85	83	82	83	87	92	93	92	93	93	93	90	87	88	92	91	92	98	92	93	89·1	8·5
14	94	93	95	94	94	92	90	89	89	92	91	92	88	94	84	84	84	86	87	92	92	95	94	94	90·8	6·8
15	94	94	95	94	94	94	96	96	95	89	85	88	85	88	90	90	89	90	91	88	94	97	97	96	92·0	6·9
16	96	97	98	97	98	97	97	92	86	80	80	81	83	82	86	89	95	89	90	88	94	94	94	94	90·7	7·4
17	94	94	94	95	94	94	93	96	96	98	97	100	98	97	97	98	98	97	97	97	98	98	98	98	**96·4**	9·1
18	92	92	92	93	93	93	93	93	93	98	96	97	98	98	92	96	93	94	94	97	96	97	97	95	94·7	**10·9**
19	91	86	87	85	87	90	86	82	83	85	82	74	76	85	89	90	94	97	97	96	96	96	96	93	88·5	9·4
20	86	87	89	86	87	89	90	94	97	94	97	93	93	93	93	93	93	93	93	98	97	94	95	96	92·4	9·8
21	98	95	96	94	93	92	94	94	93	94	89	85	86	87	85	83	85	84	89	88	88	91	94	91	90·5	8·4
22	92	94	95	92	93	90	90	93	91	88	86	86	82	82	80	81	81	86	84	89	83	87	90	90	87·7	7·1
23	88	84	89	95	95	93	92	93	96	93	81	75	74	75	80	94	89	89	85	94	97	95	94	95	88·9	9·5
24	94	94	90	87	85	88	89	87	94	95	98	92	89	97	93	93	91	88	92	91	94	90	92	94	91·6	8·1
25	88	94	87	83	82	82	85	85	82	88	86	92	88	90	89	90	91	92	93	91	93	90	92	92	88·6	6·6
26	98	88	91	93	94	89	89	86	89	91	94	87	92	89	95	89	88	93	85	89	89	98	94	94	91·0	7·9
27	96	96	93	95	95	94	96	97	96	85	84	81	86	87	87	91	95	90	92	93	91	85	87	85	90·9	7·7
28	89	84	86	84	86	84	88	91	87	85	84	79	78	82	85	82	83	85	87	86	90	91	91	87	85·5	6·0
29	85	86	88	91	91	87	85	89	88	90	83	85	84	82	87	86	93	93	93	94	94	98	96	98	89·2	7·3
30	96	93	93	84	86	88	92	91	87	87	85	83	80	83	83	84	84	86	85	87	92	84	90	85	87·3	6·6
31	90	87	91	87	89	96	95	89	87	85	85	85	83	80	78	82	84	82	81	82	82	82	84	82	**85·4**	**5·5**
Mean ...	92·1	91·5	91·8	90·9	91·4	90·9	90·9	90·7	90·5	90·4	88·8	**87·4**	87·5	88·2	88·8	89·6	90·1	90·3	90·2	91·5	92·4	92·5	**92·8**	92·3	90·6	†8·3
Vapour Pressure* ...	mb. **8·4**	mb. 8·2	mb. 8·2	mb. 8·2	mb. 8·2	mb. 8·2	mb. 8·2	mb. 8·3	mb. 8·2	mb. 8·3	mb. 8·3	mb. 8·3	mb. 8·3	mb. 8·3	mb. 8·2	mb. 8·2	mb. 8·3	mb. 8·2	mb. **8·1**	mb. 8·3	mb. 8·4	mb. 8·3	mb. 8·4	mb. 8·3	mb. ‡8·3	-
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and mean relative humidities. † Mean of the column. ‡ Mean of the row.

HUMIDITY: ANNUAL MEANS OF HOURLY VALUES.

From the monthly means for exact hours, Greenwich Mean Time.

153. Eskdalemuir : (Louvred Hut) $ht = 0{\cdot}9$ metres. **1924.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Relative Humidity ...	% 89·3	% 89·5	% **89·8**	% 89·7	% 89·5	% 89·2	% 88·5	% 86·6	% 83·9	% 81·4	% 80·5	% 77·3	% 76·5	% **76·4**	% 76·6	% 77·9	% 79·6	% 81·6	% 83·7	% 85·9	% 87·5	% 88·2	% 88·6	% 88·9	% 84·4
Vapour Pressure (in millibars) ...	mb. 8·1	mb. 8·2	mb. 8·1	mb. **8·1**	mb. 8·1	mb. 8·2	mb. 8·3	mb. 8·6	mb. 8·8	mb. 8·9	mb. 9·0	mb. 9·0	mb. **9·1**	mb. 9·1	mb. 9·0	mb. 9·0	mb. 8·9	mb. 8·8	mb. 8·7	mb. 8·6	mb. 8·5	mb. 8·4	mb. 8·3	mb. 8·2	mb. 8·6

RELATIVE HUMIDITY: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

154. Eskdalemuir : (Louvred Hut) $ht = 0{\cdot}9$ metres. **1924.**

G.M.T.	Mean	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Jan.	90·3	−0·34	− 0·26	+ 0·12	− 0·09	− 0·19	+ 0·13	+ 0·98	+1·34	+1·09	+0·41	− 0·45	− 0·84	− **1·09**	− 0·83	− 0·41	− 0·95	− 0·11	−0·23	+0·03	+0·13	+0·07	+0·72	+0·38	+0·28
Feb.	81·5	+1·53	+ 2·01	+ 2·69	+ 3·35	+ **3·38**	+ 2·97	+ 2·96	+1·85	+0·54	−1·11	− 2·53	− 3·29	− 3·99	− **5·65**	− 5·06	− 4·09	− 2·65	−0·31	+0·27	+1·06	+1·58	+1·92	+1·26	+1·36
Mar.	78·0	+9·73	+10·40	+**10·84**	+10·24	+10·46	+ 9·94	+10·06	+7·53	+0·69	−6·26	−10·53	−12·67	−13·93	−14·49	−**14·83**	−13·81	−11·62	−6·63	−1·63	+1·49	+3·66	+5·69	+7·39	+8·22
April	80·7	+9·55	+10·00	+10·24	+**10·62**	+10·13	+10·20	+ 8·28	+3·96	−3·17	−7·76	−10·01	−11·10	−13·29	−13·35	−**14·24**	−11·13	− 9·69	−7·54	−2·40	+1·84	+5·25	+6·66	+8·24	+8·78
May	82·7	+**7·27**	+ 7·26	+ 6·90	+ 7·08	+ 6·55	+ 6·87	+ 4·47	+1·33	−1·39	−3·66	− 5·60	− 8·50	−**11·17**	− 8·99	−10·51	− 8·78	− 6·44	−5·16	−2·13	+0·92	+4·49	+5·90	+6·63	+6·69
June	81·4	+8·57	+ 8·96	+ 9·35	+ **9·77**	+ 8·35	+ 5·91	+ 3·80	−0·94	−3·79	−4·17	− 5·82	− 6·80	− 7·31	− 9·46	−10·34	−**10·65**	− 9·43	−6·67	−3·88	+0·81	+3·46	+5·11	+6·97	+8·15
July	83·7	+5·98	+ 6·83	+ 6·72	+ 6·92	+ **6·97**	+ 6·33	+ 4·31	+1·04	−2·31	−4·59	− 6·67	− 8·53	− **8·77**	− 8·57	− 7·52	− 7·32	− 5·92	−4·36	−1·44	+1·73	+3·68	+4·95	+5·06	+5·39
Aug.	85·3	+5·06	+ 5·68	+ 6·52	+ 6·66	+ **6·95**	+ 6·25	+ 4·25	+1·94	−1·93	−4·76	− 7·79	− 7·85	− 7·77	− **8·16**	− 6·54	− 7·18	− 5·72	−3·07	−0·32	+1·68	+3·43	+3·62	+4·60	+4·38
Sept.	84·9	+4·92	+ 4·96	+ **5·95**	+ 5·39	+ 5·00	+ 5·43	+ 4·87	+2·77	+1·04	−2·25	− 6·09	− 8·55	− 8·91	− 8·85	− **9·84**	− 8·03	− 5·14	−1·33	+0·13	+2·31	+3·88	+4·11	+3·68	+4·51
Oct.	86·3	+3·19	+ 3·81	+ **4·00**	+ 3·34	+ 2·82	+ 3·15	+ **4·00**	+3·87	+1·65	−2·12	− 6·66	− 7·92	− 8·91	− **9·61**	− 7·80	− 4·03	− 0·54	+1·73	+2·12	+2·96	+3·17	+2·20	+2·88	+2·79
Nov.	87·2	+1·60	+ 1·16	+ 0·41	+ 0·63	+ 0·69	+ 0·57	+ 1·29	+1·85	+1·93	+1·12	− 2·14	− 5·15	− **5·76**	− 5·34	− 4·25	− 1·51	+ 0·35	+0·64	+1·85	+1·68	+**2·60**	+2·51	+1·60	+1·69
Dec.	90·6	+1·30	+ 0·70	+ 1·04	+ 0·23	+ 0·70	+ 0·26	+ 0·28	+0·01	−0·14	−0·19	− 1·78	− **3·18**	− 3·10	− 2·37	− 1·71	− 0·92	− 0·42	−0·14	−0·22	+1·05	+2·01	+2·16	+**2·43**	+1·99
Year	84·4	+4·86	+ 5·13	+ **5·40**	+ 5·35	+ 5·15	+ 4·83	+ 4·13	+2·21	−0·48	−2·95	− 5·51	− 7·04	− 7·83	− **7·97**	− 7·92	− 6·53	− 4·78	−2·76	−0·63	+1·47	+3·11	+3·80	+4·26	+4·52

RAINFALL: ANNUAL TOTALS OF HOURLY VALUES.

† *Amounts, in millimetres ; durations, in hours, for periods of sixty minutes between the exact hours, Greenwich Mean Time.*

155. Eskdalemuir : $H_r = 242{\cdot}0$ metres + 0·4 metres. **1924.**

G.M.T.	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to Noon	Noon to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21	21 to 22	22 to 23	23 to 24	0 to 24
Amount	mm. 66·7	mm. 75·0	mm. 76·8	mm. 69·5	mm. 70·7	mm. 72·0	mm. 59·3	mm. 42·3	mm. 42·3	mm. 48·3	mm. **38·8**	mm. 56·5	mm. 53·7	mm. 62·8	mm. 84·0	mm. 81·9	mm. **87·2**	mm. 71·5	mm. 78·4	mm. 65·0	mm. 54·0	mm. 69·4	mm. 77·2	mm. 77·5	mm. 1580·8
Duration	hr. 64·2	hr. 63·6	hr. 68·1	hr. 66·2	hr. 61·6	hr. 59·1	hr. 62·2	hr. 50·2	hr. 45·6	hr. 45·0	hr. **37·6**	hr. 49·7	hr. 54·8	hr. 52·9	hr. 53·0	hr. 58·7	hr. 59·0	hr. **68·8**	hr. 59·3	hr. 60·1	hr. 50·3	hr. 55·7	hr. 61·9	hr. 63·1	hr. 1370·7

† The totals and durations for individual months are printed in the tables on the following pages.

NOTES ON RAINFALL.

156. Eskdalemuir. **1924.**

Notable Falls of the Year.

(*a*) A fall worthy of notice occurred on July 12th, when 12 mm. fell in nine minutes. This was part of a fall of 19·3 mm. which fell during the hour 18h. to 19h.

(*b*) Details of the greatest continuous falls are as follow :—

Date.	Amount. mm.	Duration. hrs.
January 12th—13th	54	22·8
May 9th–10th	28	13·4
September 28th–29th	41	17·7
December 26th–27th	46	11·1
December 29th–30th	43	10·9

Wet Periods.

(*a*) There were three " rain spells " (*i.e.*, periods of fifteen or more consecutive days on each of which 0·2 mm. or more of rain fell), viz., August 11th to August 29th, September 7th to September 24th, December 11th to December 31st.

(*b*) There were no " wet spells " (*i.e.*, periods of fifteen or more consecutive days on each of which 1·0 mm. or more of rain fell), but the period September 10th to September 24th fell short of a " wet spell " in having only 0·9 mm. on the 10th and 24th respectively. The period December 11th to December 27th failed to classify as a " wet spell " in having only 0·7 mm. rainfall on the 21st.

Dry Periods.

(*a*) There were no periods of " absolute drought " (*i.e.*, fifteen or more consecutive days on each of which less than 0·2 mm. of rain fell), or of " partial drought " (*i.e.*, twenty-nine or more consecutive days, the mean rainfall of which did not exceed 0·2 mm. per day).

(*b*) Details of the relatively dry periods are as follow :—

(i.) March 5th to March 21st. Total rainfall 1·3 mm., of which 1·1 mm. fell on March 19th. No rain occurred in the period March 8th to March 18th.

(ii.) March 26th to April 6th—a period of 12 days in which no rain fell.

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

157. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **January, 1924.**

Day	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
2	...	...	...	·1	...	·2	·3	·2	...	...	...	...	...	...	1·0	3·1	0·8	·2	(·3)	...	...	...	...	...	6·2	8·0
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·1	·1	·2	·4	·3	1·3	6·9
5	·3	·3	·5	·6	·4	1·0	·4	·3	·2	·4	·3	·3	·3	·2	·2	·4	·3	·1	·2	·2	...	·2	·1	·1	7·3	**23·0**
6	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	2·0
7	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·0	·3	...	...	...	...	...	...	...	...	...	1·5	2·5
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
10	...	...	...	...	...	(·2)	(·3)	...	...	...	·2	·6	·1	...	...	...	...	...	...	...	...	...	...	...	1·4	3·9
11	...	...	...	...	...	...	...	...	...	...	·2	·1	·1	...	...	...	...	...	...	...	...	(1.6)	(1.6)	(1.6)	5·2	(5.1)
12	(1.6)	...	...	...	...	...	...	2·3	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·6	1·9	7·5	(3.8)
13	2·5	2·3	2·7	1·0	1·9	3·4	3·1	2·2	4·8	5·0	2·3	·4	·9	1·6	1·5	2·9	5·6	3·3	1·8	·9	·3	...	...	...	**50·4**	20·7
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·6
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	·4	1·8	2·1	·7	2·2	·1	...	...	·3	·7	4·1	·2	4·0	3·2	·4	...	·1	·6	...	·5	·3	19·7	14·7
19	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	2·5	1·8	·8	...	·1	·9	·4	·4	7·3	8·9
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	...	...	...	...	0·1	0·3
21	...	...	...	...	...	...	·4	·5	·4	·7	...	·1	·1	·2	·2	·3	·2	·4	·2	·1	...	...	·4	·6	4·8	12·4
22	·2	...	·1	·4	1·8	2·7	1·6	1·2	1·8	2·0	1·1	1·8	·9	1·3	·7	·8	·3	·5	·2	·3	...	...	·1	...	19·8	19·8
23	·1	·1	·1	·1	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	4·7
24	...	·4	2·2	2·2	·8	·4	1·2	1·1	1·1	·7	·4	·2	·1	...	...	...	...	...	...	·1	...	...	...	...	10·9	10·8
25	...	...	...	...	...	...	...	...	...	...	...	·5	·2	·1	...	...	...	·1	...	...	...	...	...	...	0·9	2·4
26	...	...	...	...	...	...	...	...	...	·2	·7	1·1	·4	·6	·1	...	...	...	·2	...	·4	2·3	4·0	3·8	13·8	7·9
27	1·3	1·5	·8	·5	...	·2	...	...	...	...	...	...	·1	...	...	...	...	·2	·1	...	...	...	...	...	4·7	4·5
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·2	·1	·3	0·8	4·3
29	·3	·3	·4	·2	·3	·1	...	(·1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·7	4·9
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	·1	·1	...	·1	...	...	·3	·3	·1	·1	·1	1·0	1·4	2·1	2·1	...	·3	...	...	...	...	...	...	...	8·1	10·4
Sum.	6·9	5·1	6·9	5·6	7·3	10·5	8·4	8·4	8·6	9·1	5·3	6·4	5·5	11·2	6·3	11·6	**13·3**	7·1	3·9	1·9	1·6	5·5	9·2	9·3	174·9	182·8
Total Duration.	hr. 10·0	hr. 7·2	hr. 8·0	hr. 8·8	hr. 5·7	hr. 7·5	hr. 9·0	hr. 8·1	hr. 6·1	hr. 4·9	hr. 6·5	hr. 9·5	hr. **10·1**	hr. 8·4	hr. 7·8	hr. 6·1	hr. 7·6	hr. 8·5	hr. 7·3	hr. 6·8	hr. 4·9	hr. 5·8	hr. 9·4	hr. 8·8	hr. 182·8	

158. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **February, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	(·1)	...	...	(...)	...	...	...	...	...	...	·2	·2	(·1)	...	...	...	...	0·6	0·8
2	·2	...	...	(...)	(·1)	...	...	(·1)	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	0·6	2·2
3	...	...	...	...	(...)	(·1)	(...)	...	...	(·1)	...	...	...	...	(...)	(·1)	·1	(...)	...	...	...	·1	·2	·3	1·0	3·9
4	·2	...	·2	·2	·1	...	...	·1	...	...	...	...	...	...	...	·1	·3	·1	·1	...	·1	·1	...	·5	2·1	9·0
5	·3	·4	·5	·3	·4	·3	·3	·3	·7	·4	...	·1	·1	·8	...	...	...	...	...	...	...	...	...	...	4·9	**11·5**
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	·2	·1	...	·1	·2	...	...	...	...	...	...	...	...	...	...	0·6	1·5
8	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·4
9	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·8	·2	·4	·7	·5	·2	...	...	...	...	3·1	6·2
10	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	·2	0·8	1·6
11	·1	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·2	·3	·3	...	1·1	4·2
12	...	...	...	...	...	...	...	...	...	...	...	...	...	(...)	(·1)	(...)	(·1)	(...)	...	...	...	...	...	...	0·2	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	(·1)		(·1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·7
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	4·7	**6·1**	1·9
18	3·6	·3	·1	...	...	...	·1	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·4	2·9
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	1·4	·9	...	·1	...	...	·3	·5	·2	...	...	...	...	...	...	...	...	...	...	...	3·4	2·2
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	(·1)	...	...	...	...	...	0·2	0·6
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	·1	·2	...	·3	...	(·1)	*°	...	...	...	...	...	...	0·7	1·6
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(...)	0·1	...
29	·1	...	·7	1·3	1·7	·1	1·3	·3	...	...	...	·2	(·1)	...	*°	...	...	...	...	...	...	...	...	...	5·8	5·0
Sum.	4·5	0·8	1·6	2·0	3·9	1·4	1·7	1·3	0·7	0·7	0·4	0·9	0·7	1·3	1·3	0·5	1·1	1·1	0·9	0·3	0·3	0·9	2·0	**5·7**	36·0	56·2
Total Duration.	hr. **4·3**	hr. 2·1	hr. 3·6	hr. 3·8	hr. 3·2	hr. 2·1	hr. 1·6	hr. 2·8	hr. 1·0	hr. 1·0	hr. ·4	hr. 2·0	hr. 1·6	hr. 2·0	hr. 1·7	hr. 2·2	hr. 3·5	hr. 2·8	hr. 2·3	hr. 0·9	hr. 1·8	hr. 3·3	hr. 2·5	hr. 3·7	hr. 56·2	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

159. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **March, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	0·6	0·4
4	...	·2	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·7
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	0·2	0·3
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	·9	·2	...	...	...	...	...	...	...	...	...	...	1·1	1·7
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	·1	·3	·4	·7	·2	·3	·2	1·2	·4	·7	...	·1	...	...	...	...	...	...	...	...	4·6	8·7
23	...	...	...	·2	·4	1·1	1·2	·4	·7	·9	·7	·4	·2	·2	·3	·4	·6	·6	·5	·8	·9	·7	·2	·6	**12·0**	**20·4**
24	·4	1·3	·9	·1	·2	...	...	...	...	...	...	...	...	...	...	...	...	(·4)	(·3)	(·3)	(·3)	(·4)	(·4)	(·4)	5·4	11·8
25	...	...	...	...	...	...	(·2)	(·3)	(·5)	...	...	·1	...	...	...	...	...	·1	...	·4	·1	...	...	...	1·7	4·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	0·4	1·5	0·9	0·3	0·7	1·4	**2·0**	1·4	1·4	1·3	0·9	1·7	1·5	1·1	0·3	0·5	0·7	1·1	0·8	1·5	1·3	1·7	0·6	1·0	26·0	48·3
Total Duration.	hr. 1·0	hr. 1·5	hr. 1·0	hr. 1·4	hr. 2·2	hr. 2·0	hr. 2·8	hr. 2·8	hr. 2·8	hr. 1·9	hr. 2·0	hr. 2·3	hr. 2·8	hr. 2·5	hr. 1·0	hr. 1·2	hr. 1·2	hr. 2·3	hr. 1·9	hr. **2·9**	hr. 2·4	hr. 2·4	hr. 2·0	hr. 2·0	hr. 48·3	

160. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **April, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	·4	·3	...	...	...	...	...	...	...	...	0·9	3·0
8	...	·1	...	...	...	...	...	...	...	·2	·3	...	·3	...	...	...	...	...	...	...	...	...	...	...	0·9	0·9
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(·1)	...	...	...	...	0·2	0·7
10	(·8)	(·8)	(·8)	(·9)	(·8)	(·8)	(·8)	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·8	7·1
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	·2	·5	·3	·1	·3	...	...	...	...	...	...	...	...	1·4	1·5
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	2·2	1·2	·3	1·1	...	...	...	...	5·9	3·1
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	·7	(·1)	(☀° △°)	...	...	...	...	...	...	1·1	1·0
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	·3	·4	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	·1	...	...	·3	·4	1·6	3·2
19	1·0	·6	·5	·2	·1	·6	·2	·4	·3	·2	...	(·1)	...	(...)	...	...	...	...	...	...	...	...	...	...	4·2	9·6
20	...	(...)	(...)	(·1)	(...)	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·8
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	0·4	1·0
24	·7	·4	·2	·4	·2	·3	·1	...	·4	·3	...	1·1	·3	2·5	2·4	·4	1·4	·9	1·1	2·1	·8	...	·2	·7	16·9	**17·9**
25	·4	·6	...	·1	...	...	·1	·1	·1	...	...	·1	·9	·4	·5	6·4	3·6	4·2	3·0	2·3	1·3	·6	·3	·2	**25·2**	15·0
26	1·7	·7	1·1	1·1	...	...	...	...	...	...	...	·7	·4	·1	·2	1·1	2·4	·1	...	...	...	·3	·8	·2	10·9	8·1
27	·5	·8	·6	1·0	1·5	·1	...	...	...	...	(·1)	...	...	...	...	...	...	(...)	...	·2	·8	2·9	2·0	·7	11·2	9·3
28	·3	·1	·1	...	...	...	...	...	...	...	...	...	...	·6	...	3·5	3·2	·6	...	...	...	...	...	...	8·4	5·5
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·1	0·2
30	·7	·2	·1	·2	·3	·4	·4	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·7	7·2
Sum	6·1	4·3	3·7	4·4	2·9	2·3	1·6	0·9	0·9	0·8	0·5	2·3	2·5	4·0	3·8	**13·8**	13·0	7·0	4·5	5·9	2·9	3·8	3·6	2·7	98·2	95·1
Total Duration.	hr. 7·6	hr. **7·8**	hr. 6·5	hr. 6·6	hr. 4·8	hr. 4·1	hr. 3·5	hr. 3·2	hr. 3·2	hr. 2·5	hr. 0·7	hr. 1·8	hr. 3·8	hr. 2·8	hr. 2·9	hr. 4·4	hr. 5·1	hr. 3·5	hr. 2·7	hr. 3·5	hr. 2·3	hr. 2·4	hr. 4·0	hr. 5·4	hr. 95·1	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

161. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **May, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	·6	·3	...	...	...	...	1·9	2·3
2	...	...	...	...	...	·2	...	·1	...	...	...	...	...	...	...	...	1·4	·7	·1	...	...	...	...	...	2·5	2·6
3	...	...	...	...	...	...	...	...	...	...	·2	...	·1	...	·1	·2	...	·1	·3	...	...	...	...	...	1·0	3·1
4	·1	·1	...	...	...	...	...	...	...	...	...	...	·1	·3	·3	·8	1·6	1·5	1·4	2·4	1·1	·2	...	...	9·9	8·4
5	·1	...	·4	1·8	1·0	·2	·1	·1	...	...	·1	...	·1	·1	...	...	1·1	·1	·2	1·6	...	...	...	·3	7·3	5·9
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·3	·4	0·9	2·2
7	1·7	2·0	1·1	1·1	·8	1·1	·5	...	...	·6	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	9·9	7·3
8	...	...	...	...	...	1·2	·4	·1	·2	·1	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	2·1	5·0
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	3·3	2·2	6·2	2·5
10	2·2	3·0	3·6	5·1	1·5	2·3	1·5	1·0	·3	·6	·3	·2	·4	·7	...	1·6	...	·1	·3	...	...	·3	·5	...	**25·5**	15·0
11	...	...	·1	...	...	...	...	...	...	...	...	·3	·2	...	4·3	1·6	·5	·3	...	...	...	...	...	...	7·3	3·8
12	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2
13	...	·1	·3	·2	...	·1	·2	·6	·6	·8	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	3·1	6·6
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·1	0·6	0·7
16	...	·1	...	...	...	...	...	2·6	1·9	...	·2	·3	...	·3	...	...	...	...	...	...	...	...	...	...	5·4	3·2
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	0·3	0·6
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	0·2	0·4
20	...	·2	·2	·5	·7	·1	·1	·3	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	5·3
21	1·3	...	...	...	...	·5	...	...	...	...	...	...	...	2·6	·8	·8	...	·7	·3	...	...	...	...	...	7·0	4·3
22	...	...	...	...	·5	4·6	1·2	·6	...	...	...	...	(·1)	(...)	·1	(·1)	(...)	...	...	...	...	...	...	...	7·2	3·6
23	...	...	...	...	...	...	1·0	...	...	...	...	·1	...	·2	1·5	·7	...	·1	...	...	·3	...	...	...	3·9	3·1
24	...	...	...	...	...	...	·3	·1	·3	...	...	...	...	·5	...	...	...	...	...	1·1	·2	·4	·2	...	3·1	3·0
25	...	...	...	...	·3	1·0	1·4	·4	...	...	·1	1·2	·1	·2	1·7	1·9	...	...	...	...	...	...	...	...	8·3	5·7
26	...	...	...	·1	·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	1·1
27	...	·5	·3	2·2	1·4	1·6	·7	·6	1·0	·3	...	...	·4	...	·9	1·0	1·7	1·0	1·2	·1	...	·5	·5	·9	16·8	**16·1**
28	·2	·4	·2	·4	·2	·1	·1	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	1·7	5·1
29	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
30	...	...	...	...	...	...	...	...	...	...	...	·4	2·4	·2	·1	·1	...	...	·1	·7	·1	...	·9	·4	·4	5·8	8·7
31	·5	·2	...	·2	...	...	·2	·2	...	...	...	·9	·2	...	...	...	...	...	...	...	...	...	...	...	2·4	4·1
Sum.	6·2	6·6	6·2	11·6	7·1	**13·0**	7·7	6·7	4·3	2·5	1·7	5·6	1·9	5·0	9·8	8·7	6·3	6·7	5·1	5·6	1·6	3·2	5·7	4·8	143·6	130·2
Total Duration.	hr. 5·5	hr. 6·7	hr. 5·0	hr. 7·0	hr. 7·7	hr. **8·7**	hr. 8·0	hr. 6·7	hr. 5·1	hr. 5·0	hr. 3·1	hr. 5·6	hr. 4·2	hr. 4·7	hr. 5·5	hr. 5·7	hr. 3·9	hr. 6·6	hr. 5·8	hr. 4·3	hr. 1·5	hr. 3·3	hr. 4·9	hr. 5·7	hr. 130·2	

162. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **June, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	·4	·3	·4	·2	·2	·2	·4	·1	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	2·4	7·1
2	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·7
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	·3	·9	2·2	·1	·3	...	...	...	...	·1	...	·7	·5	1·6	·8	·9	1·2	1·5	·1	...	·1	...	11·3	11·2
7	...	...	...	...	...	...	·8	·5	2·1	·2	...	...	...	...	...	...	...	...	...	...	...	·4	·2	·5	4·7	4·3
8	·6	·3	·3	2·7	0·9	...	·2	·9	·1	·4	·2	...	·1	·1	...	...	...	...	...	...	...	...	...	...	6·8	7·5
9	...	(·1)	...	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
10	·2	·6	·8	·5	·4	·2	·6	·2	...	...	...	...	...	...	...	·4	...	·6	·4	1·0	·8	1·8	2·2	2·2	**12·9**	**13·5**
11	·6	...	·1	·1	·5	·3	1·3	·1	·1	3·1	·3	...	2·0	2·2	...	·1	...	...	...	...	...	...	...	...	10·8	6·7
12	...	...	...	...	...	...	...	...	...	...	...	...	·2	·2	...	·2	·4	·1	...	...	...	...	...	...	1·1	3·8
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	(...)	(...)	(·1)	(...)	(...)	·1	·2	...	...	·2	·7	·9	·1	2·3	4·1
16	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·3
17	...	...	...	...	·4	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	0·8
18	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·4
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	·4	...	...	...	...	1·6	·9	1·0	...	...	...	...	...	...	...	...	...	...	...	...	3·9	2·9
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	·5	·2	...	...	...	...	...	...	...	...	...	...	...	0·7	1·0
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(...)	...	...	·1	·1	...	...	...	...	...	...	0·3	1·1
26	...	...	...	...	...	...	...	...	...	·1	1·1	·2	·2	·1	...	...	...	...	·8	·6	...	·6	1·6	1·6	6·9	7·1
27	·3	...	·7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	1·6
28	...	...	...	...	...	...	...	...	·4	·3	·5	·3	1·0	·5	1·2	·6	1·3	·5	·5	·4	·6	·4	...	...	8·5	11·8
29	...	...	...	...	...	...	...	...	...	...	·6	...	·4	·1	...	...	...	...	...	...	...	·9	·2	...	2·2	2·4
30	·1	...	·3	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	2·0
Sum.	1·9	1·3	2·9	5·0	5·2	0·9	4·5	1·9	3·1	**5·8**	3·6	2·3	4·2	4·0	1·7	2·9	2·7	2·4	2·9	3·5	1·7	4·8	5·2	4·4	78·8	90·3
Total Duration.	hr. 2·8	hr. 2·4	hr. **5·2**	hr. 5·0	hr. 4·7	hr. 3·5	hr. 4·6	hr. 1·9	hr. 2·9	hr. 3·9	hr. 3·7	hr. 3·3	hr. 3·7	hr. 4·4	hr. 1·9	hr. 4·1	hr. 3·6	hr. 4·8	hr. 3·6	hr. 4·0	hr. 2·7	hr. 5·1	hr. 4·8	hr. 3·7	hr. 90·3	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

163. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **July, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·1	0·5
2	...	·1	1·7	·7	·6	·3	·2	·2	...	...	...	...	...	...	·5	...	...	...	...	·1	...	...	...	...	4·4	6·8
3	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	·1	1·1	1·6	1·8	1·4	3·6	2·0	·6	12·5	7·6
4	1·7	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	1·6
5	...	...	...	·2	...	...	...	...	...	...	...	...	·3	...	·1	·1	...	...	...	1·3	2·7	1·0	2·7	2·7	11·1	5·7
6	·6	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	1·3	1·3	4·4	3·1
7	·5	1·3	·6	1·0	...	1·3	1·2	1·1	1·5	·1	...	...	·3	5·2	·2	...	·1	·3	·2	...	...	...	...	...	14·9	8·5
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	·1	...	1·6	1·9	·4	·4	...	·1	·4	·6	·3	...	·1	·5	·7	7·1	8·0
11	·9	·3	·3	·3	·2	·2	·5	·2	·6	·3	...	...	...	·1	·1	·1	...	·1	...	...	...	...	...	...	4·2	12·7
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·1	19·3	...	...	...	...	...	**19·7**	1·8
13	...	...	...	...	...	...	·3	...	...	...	...	2·1	2·9	1·0	·6	·4	...	·1	...	...	...	...	...	...	7·4	3·0
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	·3	2·8	·3	·5	·1	...	...	...	...	...	...	2·7	·6	...	...	·2	...	...	...	...	...	7·5	5·5
17	...	...	...	...	...	...	...	...	·1	...	...	...	·2	...	·1	·2	2·7	2·2	·2	...	·1	...	...	...	5·8	3·2
18	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·9	...	...	...	...	...	...	...	...	...	0·9	0·6
21	·2	1·5	·6	1·8	·7	1·0	1·2	1·4	1·4	·8	·2	...	...	...	·1	...	...	·2	(·1)	(...)	...	...	...	...	11·2	11·0
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·4	4·9	5·6	·1	...	...	...	...	...	...	13·0	3·1
24	·1	...	...	·1	·1	·4	·7	·4	...	...	·9	...	...	...	...	...	...	...	...	...	...	...	...	...	2·7	3·0
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(1·4)	(·1)	(·2)	(·2)	0·6	4·0
28	(·2)	·2	·3	·3	·3	·3	·2	(·1)	(...)	(...)	(...)	(·1)	(...)	(...)	(·1)	·1	·1	(...)	·3	·8	·2	·4	·3	1·0	5·3	**14·9**
29	·4	·2	...	·4	...	·6	·3	·1	·1	...	...	...	·2	...	·1	...	...	...	...	...	...	...	...	...	2·4	6·7
30	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	·3	·1	...	...	...	...	...	...	...	0·5	1·4
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(...)	·1	·2	·1	2·4	·1	·1	·7	3·8	5·2
Sum.	4·6	3·8	3·5	5·1	5·0	4·4	5·1	3·7	3·9	1·3	1·1	3·8	5·8	6·8	8·3	6·8	9·1	4·7	**22·7**	4·4	6·9	6·4	7·1	7·3	141·6	118·2
Total Duration.	hr. **5·2**	hr. 5·5	hr. 5·0	hr. 6·7	hr. 5·6	hr. 7·2	hr. **7·3**	hr. 4·8	hr. 3·7	hr. 2·3	hr. 1·3	hr. 1·1	hr. 3·1	hr. 3·1	hr. 6·3	hr. 5·1	hr. 3·4	hr. 6·4	hr. **6·2**	hr. 4·7	hr. 5·6	hr. 5·1	hr. 6·3	hr. 7·2	hr. 118·2	

164. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **August, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	1·0	...	1·5	·1	·5	·2	1·0	·9	·1	·1	·1	·2	2·0	2·2	1·2	·2	·2	·6	4·2	1·2	·4	·8	·2	·1	19·0	15·8
2	·3	1·0	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·3	·2	·1	...	...	6·1	4·1
3	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	...	...	...	(...)	·3	·2	·4	·1	...	...	...	1·1	3·7
4	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	·5
5	·2	·2	1·1	2·4	1·9	5·4	1·1	·2	·1	·2	·1	·1	·2	...	...	...	...	...	...	...	...	...	...	...	13·2	9·5
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·3	·1	...	...	...	...	...	...	0·8	0·9
7	...	...	...	...	...	(·1)	(...)	...	...	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	0·1
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	·4	...	1·4	1·6	·6	·4	...	...	·3	...	4·8	5·7
12	·1	...	...	...	...	...	...	·1	·1	·3	1·8	...	...	...	...	...	...	...	...	...	...	...	...	...	2·4	1·3
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11·6	1·4	...	·1	·3	·1	...	...	...	...	13·5	3·0
14	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	1·2	1·2	·7	1·5	·2	...	...	...	...	...	5·5	4·8
15	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	...	...	...	...	...	·4	1·0	0·5
16	·9	6·4	8·3	2·6	1·7	·1	·2	...	...	...	...	·4	1·2	·2	2·1	·4	...	...	...	...	...	...	...	...	**24·5**	8·0
17	...	...	...	...	...	...	·1	·1	...	·2	...	1·7	...	...	·4	2·1	1·1	·4	·2	·1	·2	·1	...	...	6·7	6·1
18	...	...	...	...	...	...	...	...	...	...	...	·1	...	(...)	·3	...	...	...	...	...	...	...	...	...	0·4	0·2
19	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	(·1)	(·1)	(·1)	(·1)	(·1)	(·1)	0·7	1·3
20	(·4)	(·4)	(·4)	(·5)	(·5)	(·4)	(·4)	...	...	...	·1	·1	·1	·6	1·0	1·4	1·6	·1	2·1	·8	1·1	...	...	...	12·0	11·8
21	·2	1·1	2·6	·8	·1	·1	·1	...	...	...	·8	·1	...	...	...	...	...	·1	·2	1·5	·1	·6	...	...	8·4	8·4
22	·1	...	...	...	...	...	...	...	...	...	...	...	2·3	·2	...	...	...	·1	...	...	...	...	...	...	2·7	2·5
23	...	...	...	...	1·0	1·4	2·6	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·2	3·2
24	(·1)	(...)	...	·1	...	...	...	...	...	...	...	...	...	...	·1	·1	·6	·5	...	...	...	...	...	...	1·5	2·1
25	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·1	·2	·3	·2	...	...	...	...	...	...	1·3	3·3
26	...	·2	...	...	...	...	...	...	...	...	...	·1	1·7	·3	1·5	...	...	·7	...	...	...	...	...	...	4·5	3·7
27	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	5·4	·7	...	...	·2	...	...	...	...	...	6·7	1·9
28	...	...	...	...	...	·1	·5	1·1	·7	·3	·1	·3	·4	·1	·4	·2	·2	2·0	2·4	2·7	2·1	1·6	·9	1·9	18·0	**17·4**
29	·4	·1	·7	·3	...	...	...	...	·1	·3	...	...	·1	(...)	(·1)	·1	(...)	·3	·1	...	...	·1	...	...	2·7	5·9
30	...	...	...	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
31	...	...	...	...	...	...	...	...	...	·3	·6	...	...	...	...	·2	·2	·2	...	...	...	·8	·2	1·0	3·5	5·1
Sum.	3·7	9·4	14·9	6·8	5·7	7·8	6·5	2·7	1·1	2·3	3·6	3·7	8·1	4·9	**25·8**	8·6	6·6	8·8	10·8	11·6	4·3	4·2	1·7	3·5	167·1	130·8
Total Duration.	hr. 4·9	hr. 4·9	hr. 6·1	hr. 5·1	hr. 4·4	hr. 3·8	hr. 6·2	hr. 3·2	hr. 2·3	hr. 3·6	hr. 4·4	hr. 4·4	hr. 5·8	hr. 6·4	hr. 9·5	hr. 7·5	hr. 7·0	hr. **9·8**	hr. 7·5	hr. 8·2	hr. 5·6	hr. 4·6	hr. 3·0	hr. 2·6	hr. 130·8	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

165. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 242·0 metres + 0·4 metres. **September, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	·1	·2	·7	·2	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	3·3
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	·3	·1	...	1·2	1·3	·1	·1	·4	...	...	...	·1	...	·2	·1	2·2	·2	·2	...	...	6·5	8·7
8	...	1·6	1·9	·1	1·1	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	1·0	2·8	4·8	2·8	·3	16·6	7·2
9	...	...	·1	...	...	...	...	...	...	...	·3	·1	·1	...	...	...	...	...	...	...	...	...	...	...	0·6	2·7
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·7	0·9	1·4	
11	1·0	·9	·8	2·2	·8	...	...	...	·1	·1	·1	...	·2	·1	...	(·1)	(...)	...	...	...	...	·1	...	...	6·5	8·7
12	...		·2	·1	...	...	·7	...	·2	·2	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	1·6	3·0
13	1·1	...	·1	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	·5	·5	...	...	...	2·3	3·1
14	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	1·6	·2	·6	1·1	2·0	...	...	...	...	...	6·3	3·9
15	...	...	...	...	...	...	...	...	...	...	1·1	1·2	·3	...	·1	2·2	2·5	5·3	4·5	1·8	·2	...	...	...	19·2	6·4
16	...	...	...	...	·1	·4	...	·1	...	...	...	...	...	·1	1·9	3·0	·6	·6	...	2·0	1·3	...	...	...	10·1	5·0
17	...	...	...	...	...	...	...	...	...	·6	·3	...	...	2·5	·1	1·1	...	...	...	...	...	...	...	...	4·6	2·4
18	·4	·4	·1	·3	...	...	...	...	1·3	1·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·2	3·1
19	...	(...)	(...)	(·1)	(...)	(...)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	3·2	3·2	7·9	3·0
20	1·4	3·5	·8	1·0	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	3·2	1·0	·4	12·5	7·4
21	1·2	3·1	2·4	·8	·6	...	...	...	·3	·2	·6	1·2	·9	...	3·4	1·2	1·2	·5	...	...	...	...	...	...	17·6	7·9
22	...	...	...	...	...	...	...	...	...	...	...	...	·6	·4	...	·5	·2	...	...	...	...	·6	...	...	2·3	1·8
23	...	·2	1·4	1·6	2·6	·2	·1	...	·2	·4	·5	1·1	...	·5	1·1	...	...	...	...	·2	·2	...	...	...	10·3	9·7
24	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	·7	·1	...	...	...	...	...	0·9	1·1
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	0·3	0·7
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(...)	...	...	1·3	1·4	1·6	2·2	3·5	10·1	4·8
29	3·8	1·9	2·9	3·0	2·1	2·4	2·9	1·5	2·0	1·6	2·6	2·4	1·7	...	...	...	...	...	·1	·4	·2	...	·4	·1	**32·0**	**14·7**
30	1·2	·3	·2	·6	·1	...	·2	...	...	...	...	·6	1·2	·5	·9	·4	...	...	...	...	...	...	...	...	6·2	8·7
Sum	10·1	**11·9**	10·9	9·9	8·6	3·8	4·1	3·2	5·6	4·9	5·6	7·0	5·3	4·9	9·1	9·1	5·8	7·8	6·7	9·4	7·6	**11·9**	9·8	8·2	181·2	119·0
Total Duration.	hr. 6·3	hr. 6·2	hr. **8·0**	hr. 7·1	hr. 7·8	hr. 3·3	hr. 3·1	hr. 3·1	hr. 5·5	hr. 5·0	hr. 4·5	hr. 5·0	hr. 4·8	hr. 3·7	hr. 4·5	hr. 4·9	hr. 3·7	hr. 3·8	hr. 2·6	hr. 5·6	hr. 6·2	hr. 6·0	hr. 4·1	hr. 4·2	hr. 119·0	

166. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **October, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	m.m	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·2	0·5	1·7
2	·2	·3	·4	·3	·1	...	...	...	·2	...	...	...	...	...	...	...	...	·2	·1	...	...	...	...	...	1·8	5·1
3	·2	·1	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	2·7
4	...	...	≡	(·1)	≡	≡	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·4	·4	1·3	1·9
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·3	·6	·3	·6	·4	·5	·3	·4	·2	3·7	8·8
6	·2	1·4	1·2	·1	...	...	...	...	...	...	...	·1	...	·9	1·0	2·1	·8	2·0	1·3	·2	·2	...	...	...	11·5	8·9
7	·1	·3	...	...	...	·1	·7	...	...	1·2	·3	...	...	...	...	...	...	...	...	...	·1	...	...	...	2·8	2·1
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	0·1	0·3
9	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·5	·9	2·4	·4	·1	...	·1	5·0	5·5
10	...	...	·2	1·3	·8	·9	·2	...	...	...	...	...	...	...	...	...	...	...	·8	·1	·7	1·6	1·1	·1	7·8	8·0
11	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	1·2	·6	...	...	...	...	...	...	...	...	2·0	1·1
12	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·4
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	1·2	...	·2	...	...	1·6	2·9
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·4	·3	·2	·6	·3	1·6	1·1	·7	·8	6·1	8·8
19	1·3	1·9	1·0	·2	·8	1·1	·6	·3	·2	...	...	·1	...	...	·1	·9	4·4	·4	...	...	...	...	...	...	13·3	11·5
20	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·3
21	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(·1)	...	...	...	...	...	...	...	...	...	...	0·2	0·5
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	0·1	0·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·9	1·9	1·2	1·4	1·9	1·3	·9	·6	10·2	8·3
27	·1	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	...	...	1·0	·8	·3	·4	2·8	4·2
28	·1	·2	...	...	...	·4	1·3	·2	...	·9	·6	...	·4	·2	·6	·4	...	...	...	...	...	...	...	...	5·3	7·4
29	...	...	...	·3	·6	·4	·2	1·5	2·0	1·6	·6	·4	·4	·1	1·4	2·0	6·2	3·4	·4	·1	...	...	...	...	**21·6**	**12·8**
30	...	...	...	...	...	...	·4	·2	·1	1·0	2·1	2·4	1·3	1·3	·1	3·0	·1	1·1	·2	...	...	...	...	...	13·3	8·7
31	·1	·4	...	...	·2	·1	·3	·4	...	...	...	·2	...	·4	...	·5	1·3	·3	...	...	...	...	...	...	4·2	5·1
Sum	2·4	4·6	3·1	2·4	2·8	3·2	3·7	2·6	2·6	4·8	3·6	3·2	2·2	3·1	4·6	10·3	**15·1**	10·4	6·2	6·1	6·4	5·8	4·2	2·8	116·2	117·3
Total Duration.	hr. 4·4	hr. 4·9	hr. 4·6	hr. 4·3	hr. 4·2	hr. 4·7	hr. 4·6	hr. 3·8	hr. 2·7	hr. 4·1	hr. 2·6	hr. 2·8	hr. 2·5	hr. 4·0	hr. 3·5	hr. 6·5	hr. 7·5	hr. **8·8**	hr. 7·2	hr. 5·9	hr. 5·3	hr. 6·2	hr. 6·7	hr. 6·0	hr. 117·3	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

167. Eskdalemuir : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height receiving surface above ground) = 242·0 metres + 0·4 metres. **November, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	·5	·8	·2	·5	...	...	...	...	...	...	...	...	...	...	·2	·4	2·8	1·4	·8	·5	...	3·0	...	11·1	7·4
2	...	·4	...	...	1·1	2·8	·3	·3	·8	1·3	1·4	1·7	1·5	1·7	...	...	...	...	...	...	...	(·1)	...	...	13·4	8·0
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	·1	·2	·1	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	2·7
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	·3	1·1	2·4	·8	·3	·1	...	...	...	...	...	...	...	5·0	5·5
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·4
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	(·1)	(·1)	(·1)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	2·8
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	1·7	2·8	3·5	4·6	12·7	4·3
22	2·7	1·7	·9	·6	·4	·3	·7	·8	1·7	·7	3·9	5·3	4·6	3·7	2·2	·5	·6	·3	...	·4	...	...	...	...	**32·0**	**17·6**
23	...	...	...	...	...	...	·5	·4	·8	1·2	1·0	·4	·3	·2	...	...	...	·2	1·2	1·6	3·8	4·5	1·3	·7	18·1	13·3
24	·6	1·2	·6	2·7	1·6	1·0	1·1	...	·7	3·1	1·9	3·0	·8	...	...	...	·1	·2	·1	·7	·4	...	...	...	19·8	12·9
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·3	·6	...	...	...	...	1·3	·4	...	2·7	2·2
26	...	...	...	·1	·2	·3	...	...	...	...	...	·1	·8	...	·4	·5	...	...	...	...	...	1·1	·2	·2	3·9	5·9
27	·1	·7	·3	...	...	...	...	·1	·2	...	...	...	...	...	...	1·6	·8	·3	...	...	(...)	(·1)	(...)	...	4·2	5·6
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	·4	·6	·5	·6	·5	·2	...	...	...	1·5	...	...	...	...	...	...	...	...	...	...	...	...	4·3	5·0
30	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·2	·2	...	...	...	·6	·2	1·9	2·4
Sum.	3·8	4·8	3·1	4·2	4·3	5·0	3·6	1·9	4·3	6·3	8·2	**12·3**	9·1	8·0	3·5	3·4	2·9	4·0	2·9	3·6	6·4	9·9	9·0	5·7	130·2	96·0
Total Duration.	hr. 3·0	hr. 4·9	hr. 4·8	hr. 3·3	hr. 4·4	hr. 4·5	hr. 5·3	hr. 4·3	hr. 4·5	hr. 3·7	hr. 3·5	hr. **5·6**	hr. 5·2	hr. 3·6	hr. 2·6	hr. 4·2	hr. 5·5	hr. 3·7	hr. 2·4	hr. 3·1	hr. 3·2	hr. 4·4	hr. 3·6	hr. 2·7	hr. 96·0	

168. Eskdalemuir : H_r = 242·0 metres + 0·4 metres. **December, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	·5	·1	...	2·0	2·5	2·6	...	...	·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·6	4·2
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	0·2	0·6
3	...	·1	·1	·1	...	...	...	...	...	·1	·1	...	...	...	...	·1	...	...	(·1)	...	...	...	...	...	0·7	3·2
4	...	...	...	...	...	...	...	...	...	...	...	1·3	2·1	1·5	·3	·4	·4	1·3	2·5	3·0	3·5	1·6	1·6	·6	20·1	12·0
5	·1	...	...	...	...	...	...	·1	...	...	...	·2	...	...	...	...	...	·2	...	...	...	...	4·6	·3	5·5	3·6
6	·5	2·0	1·0	·1	·5	·1	...	...	...	...	...	·1	·2	·2	...	...	...	...	...	...	...	·5	·2	·3	5·7	6·5
7	...	...	...	...	...	...	...	...	...	(·1)	(...)	...	...	...	...	...	...	...	...	...	1·6	2·2	2·3	2·8	9·0	3·9
8	2·0	1·6	1·2	1·0	·7	·6	·1	...	...	...	...	·4	·5	·3	·8	1·4	1·4	1·0	1·6	1·6	2·6	·4	...	·4	19·6	16·8
9	·5	1·6	·5	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·2	3·8
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	·5	·2	·8	·2	(·1)	(≡:)	·2	·3	·2	2·6	6·3
12	...	...	...	...	...	...	...	...	·2	·5	...	1·3	...	...	·2	...	...	...	...	...	...	...	(·1)	...	2·3	2·6
13	...	...	...	...	...	...	...	·2	1·0	2·4	1·2	1·7	2·0	1·2	1·2	·9	·4	...	...	...	...	...	...	...	12·2	8·6
14	...	...	(...)	(...)	(·1)	...	...	...	...	...	...	...	·2	1·7	·7	·4	...	...	...	...	...	...	...	...	3·1	1·6
15	...	...	(·1)	(≡:)	...	...	...	...	...	...	...	...	·1	·2	1·1	·2	·6	1·2	·2	·1	·8	·6	·1	·9	6·2	9·4
16	1·1	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·3	1·8
17	...	...	...	(·1)	(...)	(...)	(...)	·1	·1	·3	·5	1·6	·2	·2	·2	...	2·4	·2	·4	·8	·8	·2	·2	·1	8·4	14·6
18	...	...	...	...	...	...	...	...	...	...	...	...	·3	·6	...	·1	·3	2·0	·6	1·1	·2	...	...	·1	5·3	4·7
19	...	...	...	...	·2	2·8	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	3·2	1·4
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(·1)	(...)	(·1)	(...)	·1	·2	·1	·1	·1	·2	1·0	4·8
21	·3	·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	3·0
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	·2	1·3	...	...	...	...	2·1	2·0
23	...	...	1·1	2·8	5·7	3·9	2·3	2·1	·8	1·3	...	...	...	...	...	...	·8	·9	·9	·1	...	...	...	...	22·7	9·9
24	...	...	·6	...	·6	·6	1·2	1·4	1·0	2·4	·6	...	·6	·1	4·0	·2	...	·5	2·1	1·3	·2	·1	·6	4·1	22·2	12·5
25	·4	·8	2·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·5	...	·1	1·0	5·7	4·4
26	1·6	2·3	1·5	·9	1·6	·1	·5	1·1	·7	·4	1·8	·7	·7	2·5	·4	...	3·9	·3	...	...	...	...	2·2	3·4	26·6	**17·0**
27	4·2	6·2	5·8	5·2	4·7	6·7	2·7	2·6	2·0	·1	...	...	...	...	·5	1·4	·1	...	...	...	...	...	...	...	**42·2**	11·1
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	(·2)	(·1)	...	...	...	0·4	1·3
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	1·9	1·3	2·6	5·4	6·5	7·7	26·8	6·7
30	5·4	5·4	4·1	1·0	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16·0	4·2
31	...	...	...	(·4)	(1·0)	(1·0)	(1·0)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·4	3·3
Sum.	16·1	20·9	19·1	12·2	17·2	18·3	10·4	7·6	5·8	8·5	4·3	7·3	6·9	8·5	9·5	5·7	10·6	10·4	11·0	11·2	13·0	11·3	19·1	**22·1**	287·0	186·5
Total Duration.	hr. 9·2	hr. 9·5	hr. 10·3	hr. 7·1	hr. 6·9	hr. 7·7	hr. 6·2	hr. 5·5	hr. 5·8	hr. 7·1	hr. 4·9	hr. 6·3	hr. 7·2	hr. 7·3	hr. 5·8	hr. 6·8	hr. 7·0	hr. 8·3	hr. 9·8	hr. 10·2	hr. 8·8	hr. 7·1	hr. 10·6	hr. **11·1**	hr. 186·5	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	

For periods of sixty minutes, between the exact hours of Local Apparent Time.

169. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **January, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time. G.M.T.	Intensity.	p/p_o sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	—	—	·3	1·0	1·0	1·0	1·0	·4	...	...	—	—	—	—	—	4·7	66	...	...	...	...
2	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
3	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
4	—	—	—	—	—	...	...	·1	...	...	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
5	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
6	—	—	—	—	—	...	...	·1	...	...	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
7	—	—	—	—	—	...	...	·1	...	...	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
8	—	—	—	—	—	...	...	·1	...	...	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
9	—	—	—	—	—	...	·8	1·0	1·0	1·0	1·0	·6	...	—	—	—	—	—	**5·4**	**73**	...	...	...	...
10	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
12	—	—	—	—	—	...	...	·6	·5	...	...	...	...	—	—	—	—	—	1·1	15	...	...	...	...
13	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
14	—	—	—	—	—	...	...	...	·2	1·0	·8	·8	·2	—	—	—	—	—	3·0	40	...	...	...	...
15	—	—	—	—	—	...	...	·3	·1	...	·2	...	...	—	—	—	—	—	0·6	8	...	...	...	...
16	—	—	—	—	—	...	...	·2	1·0	·6	...	...	...	—	—	—	—	—	1·8	24	...	...	...	...
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
18	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
19	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
20	—	—	—	—	—	...	...	·7	·6	·6	·3	1·0	·1	—	—	—	—	—	3·3	42	...	...	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
22	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
23	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
24	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
25	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
26	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
27	—	—	—	—	...	...	...	...	·6	·2	...	·1	...	...	—	—	—	—	0·9	11	...	...	...	...
28	—	—	—	—	...	...	...	...	·5	·9	...	...	...	...	—	—	—	—	1·4	17	12 40	39	3·60	Ci.Cu.
29	—	—	—	—	...	...	...	...	...	...	·4	...	...	...	—	—	—	—	0·4	5	...	...	...	...
30	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
31	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
Sum.	—	—	—	—	...	0·3	1·8	4·2	**5·5**	5·3	3·1	2·5	0·3	...	—	—	—	—	23·0	—	—	—	—	—
Mean.	—	—	—	—	...	·01	·06	·14	**·18**	·17	·10	·08	·01	...	—	—	—	—	·74	10	—	—	—	—

170. Eskdalemuir : h_s = 1·5 metres. **February, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	—	...	...	·1	·1	...	·2	...	...	...	...	—	—	—	—	0·4	5	...	...	...	...
2	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
3	—	—	—	—	...	...	...	·2	·7	·9	·6	...	...	...	—	—	—	—	2·4	28	...	...	...	...
4	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
5	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
6	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
7	—	—	—	—	...	...	·3	·5	·1	...	·2	·4	...	...	—	—	—	—	1·5	17	...	...	...	...
8	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
9	—	—	—	—	...	...	·2	·4	...	...	...	...	...	...	—	—	—	—	0·6	7	...	...	...	...
10	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
11	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
12	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
14	—	—	—	—	...	·3	·5	·1	·4	...	...	·2	...	...	—	—	—	—	1·5	16	...	...	...	...
15	—	—	—	—	...	·9	1·0	·2	...	1·0	1·0	·7	·2	·1	—	—	—	—	**5·1**	**53**	...	...	...	...
16	—	—	—	—	...	...	·3	·1	·5	...	...	...	...	...	—	—	—	—	0·9	9	...	...	...	...
17	—	—	—	—	...	...	...	...	...	...	...	·4	...	...	—	—	—	—	0·4	4	...	...	...	...
18	—	—	—	—	...	·5	1·0	1·0	·4	·3	·3	...	...	...	—	—	—	—	3·5	36	...	...	...	...
19	—	—	—	—	...	...	·1	·6	·5	...	...	...	...	...	—	—	—	—	1·2	12	...	...	...	...
20	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
21	—	—	—	—	·1	·7	1·0	1·0	·6	·4	·3	...	...	...	—	—	—	—	4·1	41	...	...	...	...
22	—	—	—	—	...	...	...	...	...	...	...	...	·2	...	—	—	—	—	0·2	2	...	...	...	...
23	—	—	—	...	·5	...	·1	·2	·3	·4	·7	·1	·4	·4	...	—	—	—	3·1	31	...	...	...	...
24	—	—	—	...	...	·4	·2	...	·2	·1	1·0	1·0	1·0	·6	...	—	—	—	4·5	44	...	...	...	...
25	—	—	—	...	...	...	...	...	·5	·3	...	·1	...	...	...	—	—	—	0·9	9	...	...	...	...
26	—	—	—	...	·3	·4	...	·1	...	...	...	...	...	...	...	—	—	—	0·8	8	...	...	...	...
27	—	—	—	...	...	...	...	...	...	...	...	·1	·7	·1	...	—	—	—	0·9	9	...	...	...	...
28	—	—	—	...	...	·8	1·0	·9	·9	...	·5	·5	...	...	...	—	—	—	4·6	44	...	...	...	...
29	—	—	—	...	·1	·8	·9	·5	·8	·3	·6	·7	·3	...	...	—	—	—	5·0	47	...	...	...	...
Sum.	—	—	—	...	1·0	4·8	**6·7**	5·9	5·9	3·9	5·2	4·2	2·8	1·2	...	—	—	—	41·6	—	—	—	—	—
Mean.	—	—	—	...	·03	·17	**·23**	·20	·20	·13	·18	·14	·10	·04	...	—	—	—	1·43	15	—	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time. G.M.T.	Intensity.	p/p_o sec. Z.	Sky.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

171. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **March, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_o sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	...	...	·3	·8	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	—	—	—	7·8	73	...	...	...	...
2	—	—	—	...	...	...	·2	·8	1·0	·8	·9	·9	·2	...	—	—	—	4·8	45			...	...	...
3	—	—	—	...	·7	1·0	1·0	1·0	1·0	·7	...	·2	...	...	—	—	—	6·6	61	...	...	...	...	...
4	—	—	—	...	...	...	...	·8	1·0	1·0	1·0	1·0	1·0	·6	...	—	—	—	6·4	59	...	...	...	...
5	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
6	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	·8	·2	...	...	—	—	—	7·2	65	12 04	62	2·06	Haze.
7	—	—	—	...	...	...	...	...	...	...	·2	...	...	...	...	—	—	—	0·2	2	...	...	...	...
8	—	—	—	...	·2	·2	...	·4	·5	·4	·2	·4	...	...	...	—	—	—	2·3	21	...	...	...	...
9	—	—	—	...	...	·3	·1	·8	...	...	1·0	·4	·7	·1	...	—	—	—	3·4	30	...	...	...	...
10	—	—	—	...	·5	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	...	—	—	—	9·4	83	12 05	80	1·95	Haze.
11	—	—	—	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	—	—	—	9·3	81	12 02	83	1·94	Clear.
12	—	—	—	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	—	—	—	9·2	80	12 09	68	1·93	Haze.
13	—	—	—	·2	1·0	1·0	1·0	1·0	1·0	1·0	·7	·6	·8	·4	...	—	—	—	8·7	75	...	...	...	...
14	—	—	—	...	...	...	·4	·4	·6	·6	...	...	1·0	...	...	—	—	—	3·0	26	...	...	...	...
15	—	—	—	...	...	...	...	·2	·1	...	·1	...	...	...	...	—	—	—	0·4	3	...	...	...	...
16	—	—	—	...	·6	1·0	...	·2	·4	·4	·3	·6	·3	·6	·2	—	—	—	4·6	39	...	...	...	...
17	—	—	—	·3	1·0	1·0	·4	·3	·6	·6	·5	·1	...	...	...	—	—	—	4·8	40	...	...	...	...
18	—	—	—	...	...	1·0	1·0	1·0	1·0	·8	·5	...	...	...	...	—	—	—	5·3	44	12 04	84	1·79	Ci. St.
19	—	—	—	·1	...	...	...	...	...	...	...	...	...	...	...	—	—	—	0·1	1	...	...	...	...
20	—	—	—	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	—	—	**10·5**	**87**	...	...	...	...
21	—	—	...	...	...	...	·2	·3	·6	...	·2	·4	...	...	...	...	—	—	1·7	14	...	...	...	...
22	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
23	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
24	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
25	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
26	—	—	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	—	—	0·1	1	...	...	...	...
27	—	—	...	...	...	...	...	...	...	...	...	...	·7	·5	...	...	—	—	1·2	9	...	...	...	...
28	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
29	—	—	...	...	·8	·7	·3	·1	...	·7	1·0	1·0	·4	·8	·4	...	—	—	6·2	49	...	...	...	...
30	—	—	...	...	·6	·6	...	·5	1·0	1·0	1·0	·7	...	·2	·4	...	—	—	6·0	47	...	...	...	...
31	—	—	...	·5	1·0	1·0	1·0	1·0	·9	·3	·4	·8	·4	·6	·1	...	—	—	8·0	62	...	...	...	...
Sum.	—	—	...	1·3	9·5	13·0	11·2	14·3	**15·5**	14·8	14·6	12·7	11·6	7·3	1·4	...	—	—	127·2	—	—	—	—	—
Mean.	—	—	...	·04	·31	·42	·36	·46	**·50**	·48	·47	·41	·37	·24	·05	...	—	—	4·10	35	—	—	—	—

172. Eskdalemuir : h_s = 1·5 metres. **April, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	...	...	...	...	...	·1	·4	·3	·7	·8	·8	·8	·2	...	—	—	4·1	31	...	...	...	...
2	—	—	...	...	...	...	·1	·5	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	—	—	7·5	57	...	...	...	...
3	—	—	...	...	...	...	·4	1·0	1·0	1·0	1·0	·2	...	...	...	...	—	—	4·6	35	...	...	...	...
4	—	—	...	·6	·9	·6	...	·1	·2	·2	·2	·1	·3	·9	1·0	...	—	—	5·1	39	...	...	...	...
5	—	—	...	...	...	...	...	...	·1	·1	·6	1·0	·2	·2	...	...	—	—	2·2	16	...	...	...	...
6	—	—	...	...	...	·1	...	...	...	·3	·1	...	...	...	...	...	—	—	0·5	4	...	...	...	...
7	—	—	...	...	...	...	...	...	...	...	...	...	·3	·3	·9	...	—	—	1·5	11	...	...	...	...
8	—	—	...	·4	1·0	·9	·8	·8	1·0	·4	1·0	·8	·5	·2	·1	·2	—	—	8·1	60	...	...	...	...
9	—	—	...	·9	1·0	·8	·3	·3	·2	·5	...	...	...	·9	·6	...	—	—	5·5	40	...	...	...	...
10	—	—	...	...	·2	1·0	1·0	·9	1·0	·7	·8	·4	·7	·7	·7	·6	—	—	8·7	64	...	...	...	...
11	—	—	...	·1	·3	·4	1·0	·2	·5	·5	·9	1·0	...	·1	·1	...	—	—	5·1	37	...	...	...	...
2	—	—	...	...	·2	...	...	·1	...	·3	·1	·1	·4	·4	...	...	—	—	1·6	12	...	...	...	...
13	—	—	...	·6	1·0	1·0	·5	...	...	...	...	...	...	...	...	...	—	—	3·1	22	...	...	...	...
14	—	—	...	...	...	...	...	·2	·9	·9	1·0	1·0	1·0	1·0	·9	·5	—	—	7·4	53	...	...	...	...
15	—	—	·3	1·0	1·0	·9	·9	1·0	·4	·5	·9	·3	·7	·3	·1	...	—	—	8·3	59	...	...	...	...
16	—	...	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	·9	·2	—	—	11·6	82	...	...	...	...
17	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	...	—	**11·8**	**83**	...	...	...	...
18	—	...	...	...	...	...	·1	·6	...	·1	...	...	...	...	...	...	...	—	0·8	6	...	...	...	...
19	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
20	—	...	...	...	...	·2	...	...	...	...	...	·4	...	·2	·1	·1	...	—	1·0	7	...	...	...	...
21	—	...	...	·1	·4	·9	·9	1·0	1·0	·9	·9	·6	·1	·1	...	...	...	—	6·9	48	...	...	...	...
22	—	...	...	...	...	·2	...	...	...	...	·4	·3	·9	·4	...	...	...	—	2·2	15	...	...	...	...
23	—	...	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	...	...	...	...	—	8·7	59	...	...	...	...
24	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
25	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
26	—	...	...	...	...	·1	·1	·2	·1	...	...	...	...	...	...	...	...	—	0·5	3	...	...	...	...
27	—	...	·3	·9	·5	·9	1·0	·8	·6	1·0	·8	...	...	...	...	...	...	—	6·8	45	...	...	...	...
28	—	...	...	·2	·4	·6	...	...	...	...	·2	...	...	...	·3	...	...	—	1·7	11	...	...	...	...
29	—	...	...	·9	1·0	1·0	·3	·2	·1	·1	·1	...	...	...	...	...	...	—	3·7	25	...	...	...	...
30	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
Sum.	—	...	0·8	8·3	10·9	12·6	10·4	11·0	11·5	11·8	**13·7**	10·8	8·9	9·3	7·4	1·6	...	—	129·0	—	—	—	—	—
Mean.	—	...	·03	·28	·36	·42	·35	·37	·38	·39	**·46**	·36	·30	·31	·25	·05	...	—	4·30	31	—	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_o sec. Z.	Sky.

DURATION OF BRIGHT SUNSHINE.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

173. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **May, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p.p. sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw cm^{-2}		
1	—	...	...	...	...	...	·2	·4	·3	·1	·2	...	...	...	...	...	...	—	1·2	8	...	...	...	...
2	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
3	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
4	—	...	...	·1	...	...	·2	...	...	...	...	...	...	...	...	...	...	—	0·3	2	...	...	...	...
5	—	...	...	...	...	...	...	·2	1·0	·1	...	·4	·4	·6	·3	·1	...	—	3·1	20	...	...	...	...
6	—	...	...	...	...	...	...	·5	...	...	·2	...	...	...	...	...	...	—	0·7	5	...	...	...	...
7	—	...	...	...	·7	·4	·1	·5	·8	·9	·5	1·0	·4	·4	...	·8	...	—	6·5	42	...	...	...	...
8	—	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	—	0·1	1	...	...	...	...
9	—	·3	1·0	1·0	1·0	1·0	1·0	·9	·9	·7	·1	·3	·3	...	...	...	...	—	8·5	54	...	...	...	...
10	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
11	—	...	...	...	...	...	...	·6	·1	·1	·1	·4	·6	·2	·1	...	...	—	2·2	14	...	...	...	...
12	—	...	...	...	...	...	·1	·1	·8	·9	1·0	1·0	1·0	1·0	1·0	1·0	·3	—	8·2	51	...	...	...	...
13	—	...	...	...	...	...	...	...	...	...	·5	·8	·3	·9	·1	·4	...	—	3·0	19	...	...	...	...
14	—	...	·1	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	—	0·5	3	...	...	...	...
15	—	...	...	·2	·6	·7	·8	·9	·9	·9	1·0	1·0	1·0	1·0	1·0	·8	·1	—	10·0	68	...	...	...	...
16	...	...	...	...	...	...	·6	·6	·9	·9	·9	·9	1·0	1·0	1·0	·1	...	...	7·0	40	...	...	...	...
17	...	...	1·0	1·0	·7	·8	·2	·1	...	·4	·5	·6	·5	...	...	·2	...	...	6·0	37	...	...	...	...
18	...	...	·7	1·0	1·0	1·0	1·0	·7	1·0	·9	·9	·8	·4	·4	...	...	...	...	10·8	60	...	...	...	...
19	...	...	...	...	...	·1	·4	·2	...	·7	·2	1·0	...	...	·3	...	...	...	2·0	18	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	0·1	1	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	·5	·2	·2	·1	...	·3	·1	...	...	·3	...	...	...	...	1·7	10	...	...	...	...
24	...	...	...	·6	·4	·4	·7	·8	1·0	·6	·4	1·0	·2	·2	·1	...	...	...	6·4	39	...	...	...	...
25	...	...	...	·1	·3	...	·3	...	...	...	...	...	...	...	...	...	...	...	0·7	4	...	...	...	...
26	...	...	...	·3	·8	1·0	1·0	1·0	·9	·9	·5	·3	...	·7	...	...	...	...	7·4	44	...	...	...	...
27	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	0·1	1	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·4	...	...	...	0·7	4	...	...	...	...
29	...	...	·4	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	1·0	·9	·8	·3	...	...	**12·3**	**73**	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	...	0·3	3·2	5·3	7·0	6·6	8·2	8·9	9·4	9·5	8·1	**10·6**	7·5	7·9	5·6	3·7	0·4	...	102·2	—	—	—	—	—
Mean.	...	·01	·10	·17	·23	·21	·26	·29	·30	·31	·26	**·34**	·24	·25	·18	·12	·01	...	3·30	21	—	—	—	—

174. Eskdalemuir : h_s = 1·5 metres. **June, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw cm^{-2}		
1	...	...	...	...	...	...	...	...	...	...	...	·2	·8	·6	·8	·7	...	...	3·1	18	...	...	...	...
2	...	...	...	...	·6	·3	·1	·7	·9	·9	·7	·5	·9	·8	·1	·4	...	...	6·9	41	...	...	...	...
3	...	·2	1·0	1·0	1·0	·8	1·0	1·0	1·0	1·0	·9	·1	·1	·8	·4	·5	...	...	10·8	63	...	...	...	...
4	...	·3	1·0	1·0	1·0	1·0	·9	1·0	1·0	·8	1·0	·2	...	...	...	...	...	...	9·2	54	...	...	...	...
5	...	...	...	·7	·4	·6	·5	·8	·7	·6	·2	...	...	...	...	...	...	...	4·5	26	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	·1	·5	...	...	...	...	...	0·6	3	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	0·4	2	...	...	...	...
10	...	...	...	...	...	·7	·8	·3	·4	...	...	...	...	...	...	...	...	...	2·2	13	...	...	...	...
11	...	...	...	...	·1	...	...	·1	·1	·1	·1	·5	...	...	·8	·7	...	...	2·5	15	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	·8	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	**11·3**	**65**	...	...	...	...
14	...	...	·9	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	·1	...	...	...	...	10·4	60	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	·7	1·0	1·0	1·0	·6	·1	·9	1·0	·9	·8	·8	·9	...	...	...	9·7	56	...	...	...	...
17	...	...	...	...	...	...	·9	1·0	1·0	1·0	·9	·9	1·0	·9	·1	·2	...	...	7·9	45	...	...	...	...
18	...	...	...	·5	·7	·6	·9	1·0	·9	·8	·5	·9	·3	·1	...	...	...	...	7·2	41	...	...	...	...
19	...	...	...	...	·3	1·0	·9	·7	1·0	·5	·9	·9	1·0	·7	·6	1·0	·2	...	9·7	56	...	...	...	...
20	...	...	...	·2	·1	·1	·9	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	11·0	64	...	...	...	...
21	...	...	...	·2	...	...	...	...	...	·5	1·0	1·0	1·0	·6	·2	...	...	...	4·5	26	...	...	...	...
22	...	...	...	·2	1·0	·4	·5	·3	...	·6	·3	1·0	1·0	·7	...	·5	...	...	6·5	37	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	0·3	2	...	...	...	...
24	...	...	·2	·1	1·0	·6	1·0	1·0	1·0	1·0	1·0	1·0	·4	·5	·3	...	...	...	9·1	52	...	...	...	...
25	...	·2	1·0	1·0	·6	·1	...	...	...	...	...	...	...	...	...	...	...	...	2·9	17	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	0·1	1	...	...	...	...
27	...	...	...	·2	·1	·9	·9	·5	·8	·8	·8	·4	·8	·9	·8	·7	·5	...	9·1	53	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	·9	·9	·9	1·0	·2	·4	·1	·4	·1	·2	·2	...	...	...	...	5·3	31	...	...	...	...
30	...	...	...	·6	·4	·2	·7	·8	·8	1·0	1·0	·9	1·0	·7	·4	·8	·8	...	10·1	58	...	...	...	...
Sum.	...	0·7	4·1	8·1	10·2	11·0	**14·0**	13·3	13·1	13·5	13·8	13·4	11·9	10·4	7·4	7·5	2·9	...	155·3	—	—	—	—	—
Mean.	...	·02	·14	·27	·34	·37	**·47**	·44	·44	·45	·46	·45	·40	·35	·25	·25	·10	...	5·18	30	—	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p.p. sec. Z.	Sky.
																					Radiation by Ångström Pyrheliometer.			

For periods of sixty minutes, between the exact hours of Local Apparent Time.

175. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **July, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_o sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	...	...	...	·2	·6	·2	...	·3	·3	·7	·7	1·0	1·0	·4	...	...	...	...	5·4	31	...	...	...	...
2	...	...	...	...	...	...	·2	·8	·9	·6	...	...	...	...	...	...	...	...	2·5	15	...	...	...	...
3	...	...	...	·6	·2	...	...	·6	·7	·4	...	...	...	...	...	...	...	...	2·5	15	...	...	...	...
4	...	...	...	·5	·2	·7	·9	·9	·9	1·0	·8	·1	...	·5	·8	·5	...	...	7·8	45	...	...	...	...
5	...	...	·3	·4	·4	·9	·7	·5	·1	...	·1	·3	·2	·6	...	...	...	...	4·5	26	...	...	...	...
6	...	...	...	...	...	...	·4	·7	·9	·9	1·0	·7	·6	·5	·8	·1	...	...	6·6	39	...	...	...	...
7	...	...	...	...	...	...	...	...	·1	·2	·2	·4	...	·2	·2	...	...	...	1·3	8	...	...	...	...
8	...	...	...	...	...	...	·1	·3	·1	...	...	...	...	...	...	...	...	...	0·5	3	...	...	...	...
9	...	...	...	...	·8	·6	·3	·5	·3	·8	·7	·8	1·0	·5	·8	·4	...	...	7·5	44	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	0·2	1	...	...	...	...
12	...	...	·6	1·0	1·0	1·0	1·0	1·0	·8	·3	·2	·5	·2	...	...	...	...	...	7·6	45	...	...	...	...
13	...	...	...	...	...	·1	·1	·3	·2	·2	...	·2	·3	·9	...	·9	·1	...	3·3	19	...	...	...	...
14	...	·4	1·0	·4	·7	·7	·1	·8	·2	·6	·7	·3	...	...	...	·1	...	...	6·0	36	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	·9	·9	·7	1·0	·2	...	...	3·7	22	...	...	...	...
16	...	...	...	...	...	·1	·4	...	·4	·5	·3	...	·3	·6	·1	...	...	...	2·7	16	...	...	...	...
17	...	...	·5	...	...	...	·7	...	...	·4	...	...	·3	...	...	...	...	...	1·9	11	...	...	...	...
18	...	...	...	...	·1	...	...	...	·3	...	·2	·2	1·0	·3	·2	·3	...	...	2·6	16	...	...	...	...
19	...	...	...	...	...	·3	·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	**10·1**	**61**	...	...	...	...
20	...	...	·6	·1	...	...	...	·5	·6	·8	·2	·2	·3	·3	...	...	...	...	3·6	22	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	·4	·6	·6	1·0	1·0	·9	·1	...	...	...	...	...	...	...	4·6	28	...	...	...	...
23	...	...	...	·1	...	·3	1·0	·2	·4	...	·1	...	...	...	·8	·8	...	...	3·7	23	...	...	...	...
24	...	...	...	...	...	·4	...	...	...	·9	1·0	·9	·8	·5	1·0	·6	...	...	6·1	37	...	...	...	...
25	...	·6	·4	·2	...	·2	·1	...	...	...	...	·5	·7	·6	...	·3	...	...	3·6	22	...	...	...	...
26	...	...	...	...	...	·3	·4	·5	·3	·7	1·0	·1	·9	·1	...	...	...	...	4·3	26	...	...	...	...
27	...	·2	1·0	1·0	1·0	·1	·1	·8	·9	·1	...	...	...	...	...	...	...	...	5·2	32	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	—	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	—	0·2	12	...	...	...	...
31	—	...	...	...	·2	·2	·8	·9	·4	·8	·6	·1	...	...	...	...	...	—	4·0	25	...	...	...	...
Sum.	...	1·2	4·4	4·5	5·6	6·7	8·4	11·6	10·8	**11·8**	8·9	8·2	9·5	7·7	6·9	5·4	0·4	...	112·0	—	—	—	—	—
Mean	...	·04	·14	·15	·18	·22	·27	·37	·35	**·38**	·29	·26	·31	·25	·22	·17	·01	...	3·61	22	—	—	—	—

176. Eskdalemuir : h_s = 1·5 metres. **August, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	—	0·1	1	...	...	...	...
2	—	...	...	·5	1·0	1·0	1·0	1·0	·9	·8	·6	1·0	1·0	·9	·9	·1	...	—	10·7	67	...	...	...	...
3	—	...	...	...	·3	...	·5	...	...	...	...	·1	...	...	...	...	...	—	0·9	6	...	...	...	...
4	—	...	...	...	...	·5	·4	·1	·1	...	·4	...	·2	·2	·1	...	...	—	2·0	13	...	...	...	...
5	—	...	...	...	·4	·7	·7	·7	·5	·4	·2	·4	·8	1·0	1·0	·9	·1	—	7·8	50	...	...	...	...
6	—	...	...	...	...	...	...	...	...	·3	...	·1	·2	·3	·7	·4	...	—	2·0	13	...	...	...	...
7	—	...	...	·1	1·0	·7	·4	...	·8	·9	·6	1·0	1·0	·6	·8	·1	...	—	8·0	51	...	...	...	...
8	—	...	·9	1·0	1·0	1·0	·6	·3	...	...	...	·1	...	...	...	...	...	—	4·9	32	...	...	...	...
7	—	...	...	...	...	·5	·9	·4	·3	·1	·2	·1	·2	...	·1	...	...	—	2·8	18	...	...	...	...
10	—	...	...	...	...	...	·5	·1	·1	...	...	...	...	...	...	...	...	—	0·7	5	...	...	...	...
11	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
12	—	...	...	...	...	·1	·1	·1	·5	·9	1·0	·9	·5	...	·3	...	...	—	4·4	29	...	...	...	...
13	—	...	·2	·6	·8	1·0	·8	·8	·5	...	·4	...	·4	...	...	...	...	—	5·5	36	...	...	...	...
14	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
15	—	...	·3	1·0	1·0	1·0	·8	·9	·7	1·0	1·0	1·0	·9	·7	·5	...	...	—	**10·8**	**72**	...	...	...	...
16	—	...	...	...	...	...	·1	...	...	...	...	...	·3	1·0	·4	...	...	—	1·8	12	...	...	...	...
17	—	...	...	·2	·1	...	...	...	...	·2	...	...	...	...	...	...	...	—	0·5	3	...	...	...	...
18	—	...	...	...	·3	·3	·5	·2	·1	·2	·6	·8	1·0	1·0	·6	...	...	—	5·6	38	...	...	...	...
19	—	...	...	...	...	...	...	·4	·6	·1	...	...	...	...	...	...	...	—	1·1	7	...	...	...	...
20	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
21	—	...	...	...	·2	...	...	...	·1	·1	·1	·4	...	...	...	...	...	—	0·9	6	...	...	...	...
22	—	...	...	...	...	...	...	·7	...	...	...	·8	·1	...	...	...	...	—	1·6	11	...	...	...	...
23	—	...	...	...	·2	1·0	·7	·5	·3	...	...	·1	...	...	...	...	...	—	2·8	19	...	...	...	...
24	—	...	...	...	...	·1	·4	...	...	...	...	·2	...	...	·7	...	...	—	1·4	10	...	...	...	...
25	—	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	0·3	2	...	...	...	...
26	—	...	...	...	...	...	...	...	...	...	...	·2	·4	·4	...	...	...	—	1·0	7	...	...	...	...
27	—	...	...	...	...	·3	·6	1·0	·8	·2	·7	·3	·7	...	...	...	...	—	4·6	33	...	...	...	...
28	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
29	—	—	...	...	·2	·1	...	...	...	...	...	...	...	...	...	...	—	—	0·3	2	...	...	...	...
30	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
31	—	—	...	...	...	...	...	...	...	...	·1	·3	...	...	...	...	—	—	0·4	3	...	...	...	...
Sum.	—	...	1·7	3·4	6·5	8·3	**9·0**	7·3	6·3	5·2	5·9	7·8	7·7	6·1	6·1	1·5	0·1	—	82·9	—	—	—	—	—
Mean	—	...	·05	·11	·21	·27	**·29**	·24	·20	·17	·19	·25	·25	·20	·20	·05	·00	—	2·67	18	—	—	—	—

Hour. L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p/p_o sec. Z.	Sky.
																					Radiation by Ångström Pyrheliometer.			

For periods of sixty minutes, between the exact hours of Local Apparent Time.

177. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **September, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T	Intensity.	p/p_o sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	...	...	...	·5	·1	...	...	...	...	...	...	...	...	...	—	—	0·6	4	...	...	...	...
2	—	—	·1	·6	1·0	1·0	1·0	·6	·3	·8	·8	·6	·6	1·0	·8	...	—	—	9·2	67	...	...	...	...
3	—	—	...	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·8	·2	—	—	**10·7**	**79**	...	...	...	...
4	—	—	...	...	...	...	·4	1·0	1·0	1·0	·6	·4	1·0	·7	·1	...	—	—	6·2	46	...	...	...	...
5	—	—	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	—	—	0·3	2	...	...	...	...
6	—	—	...	...	·4	·1	...	·1	·1	·9	·6	·1	·3	...	...	...	—	—	2·6	19	...	...	...	...
7	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
8	—	—	...	...	...	...	...	·1	·3	·6	·8	·2	...	...	...	...	—	—	2·0	15	...	...	...	...
9	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
10	—	—	...	·9	1·0	1·0	1·0	·7	·4	·9	·4	...	·3	...	...	...	—	—	6·6	50	...	...	...	...
11	—	—	...	...	...	...	...	...	·8	·3	·1	...	...	...	...	...	—	—	1·2	9	...	...	...	...
12	—	—	...	...	...	...	...	·5	·1	·3	·2	·3	...	...	...	...	—	—	1·4	11	...	...	...	...
13	—	—	...	...	·1	·1	...	...	·4	1·0	·8	·9	·5	...	...	...	—	—	3·8	29	...	...	...	...
14	—	—	...	...	·8	1·0	·9	·8	·6	...	·2	·2	...	...	...	...	—	—	4·5	35	...	...	...	...
15	—	—	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	—	—	0·1	1	...	...	...	...
16	—	—	...	...	...	·1	·4	...	...	...	...	...	...	...	...	...	—	—	0·5	4	...	...	...	...
17	—	—	...	...	...	...	...	...	...	·3	...	·5	·6	·9	·4	...	—	—	2·7	21	...	...	...	...
18	—	—	...	·1	·1	·1	·7	·9	·9	·8	1·0	1·0	1·0	1·0	·5	...	—	—	8·1	65	...	...	...	...
19	—	—	...	·1	·7	·7	·7	·9	·3	·2	...	...	·2	...	...	...	—	—	3·8	31	...	...	...	...
20	—	—	...	...	·1	1·0	·7	·1	·3	·1	...	...	...	...	...	...	—	—	2·3	19	...	...	...	...
21 ...	—	—	...	...	·4	·2	·6	·7	·7	·8	1·0	·3	·2	...	...	...	—	—	4·9	40	...	...	...	...
22	—	—	...	...	...	...	·1	·8	1·0	·2	·7	1·0	·2	·6	·4	...	—	—	5·0	41	...	...	...	...
23	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
24	—	—	—	...	·4	·2	·5	·8	1·0	·9	·8	·4	...	...	...	...	—	—	5·0	41	...	...	...	...
25	—	—	—	...	...	·5	·6	...	...	·5	·7	...	·5	...	...	...	—	—	2·8	23	...	...	...	...
26	—	—	—	...	...	...	·1	...	...	...	...	...	·4	·2	...	...	—	—	0·7	6	...	...	...	...
27	—	—	—	...	...	...	...	·2	1·0	·4	·5	·3	·2	·7	·3	...	—	—	3·6	31	...	...	...	...
28	—	—	—	...	...	·2	·1	·8	·6	·4	...	...	...	...	...	...	—	—	2·1	18	...	...	...	...
29	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...
30	—	—	—	...	...	...	·2	...	...	...	...	...	...	...	...	...	—	—	0·2	2	...	...	...	...
Sum.	—	—	0·1	1·7	5·8	7·7	9·1	10·1	10·8	**11·4**	10·5	7·2	7·0	6·0	3·3	0·2	—	—	90·9	—	—	—	—	—
Mean.	—	—	·00	·06	·19	·26	·30	·34	·36	**·38**	·35	·34	·33	·30	·11	·01	—	—	3·03	24	—	—	—	—

178. Eskdalemuir : h_s = 1·5 metres. **October, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	·2	1·0	1·0	1·0	1·0	·8	·7	·9	...	...	·5	...	...	—	—	—	6·1	53	12 22	29	1·88	Ci.-St.
2	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
3	—	—	—	...	...	...	...	...	·4	...	·3	...	...	...	...	...	—	—	—	0·7	6	...	...	...	...
4	—	—	—	...	...	·4	·5	1·0	1·0	1·0	·1	...	·1	·5	...	...	—	—	—	4·6	41	...	...	...	...
5	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
6	—	—	—	...	·1	·7	·9	1·0	·6	·5	·3	·1	...	...	...	...	—	—	—	4·2	38	...	...	...	...
7	—	—	—	...	...	·3	·3	·7	·8	·5	·9	1·0	1·0	·2	...	...	—	—	—	5·7	51	...	...	...	...
8	—	—	—	...	·3	·8	1·0	1·0	1·0	1·0	·7	·4	·8	·4	...	...	—	—	—	7·4	67	...	...	...	...
9	—	—	—	...	·8	1·0	1·0	1·0	·2	...	...	...	...	...	...	...	—	—	—	4·0	37	...	...	...	...
10	—	—	—	...	...	...	1·0	·8	·9	·5	·5	...	...	...	...	...	—	—	—	3·7	34	...	...	...	...
11	—	—	—	...	·5	·6	·9	1·0	·7	·5	...	...	...	...	...	...	—	—	—	4·2	39	...	...	...	...
12	—	—	—	...	·2	·5	·9	1·0	1·0	1·0	1·0	·6	·2	·4	...	...	—	—	—	6·8	64	...	...	...	...
13	—	—	—	...	...	1·0	·2	·1	1·0	1·0	1·0	1·0	·9	...	...	...	—	—	—	6·2	58	...	...	...	...
14	—	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	...	—	—	—	8·8	83	12 44	61	2·30	Haze.
15	—	—	—	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	...	—	—	—	**9·3**	**89**	12 07	73	2·27	—
16	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
17	—	—	—	...	·7	1·0	1·0	·4	·7	1·0	1·0	·9	·5	...	...	...	—	—	—	7·2	70	12 05	80	2·33	F. Cu.
18	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
19	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
20	—	—	—	...	...	·1	·6	·9	·6	...	...	...	...	...	...	...	—	—	—	2·2	22	12 11	77	2·37	A. Cu.
21	—	—	—	—	...	·2	...	...	·1	...	...	...	...	...	...	...	—	—	—	0·3	3	...	...	...	...
22	—	—	—	—	·2	·9	·4	·9	·3	...	·2	...	...	...	...	...	—	—	—	2·9	29	...	...	...	...
23	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
24	—	—	—	—	·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	...	...	—	—	—	8·1	83	12 05	80	2·56	Ci.
25	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
26	—	—	—	—	...	...	·3	...	...	...	...	...	...	...	...	...	—	—	—	0·3	3	...	...	...	...
27	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
28	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
29	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
30	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...	...
31	—	—	—	—	...	...	...	·2	·1	·2	·7	·3	·1	...	—	—	—	—	—	1·6	17	...	...	...	...
Sum.	—	—	—	0·2	5·1	11·5	13·0	**13·8**	13·1	11·1	9·7	7·3	6·7	2·8	...	—	—	—	—	9·43	—	—	—	—	—
Mean.	—	—	—	·01	·16	·37	·42	**·45**	·42	·36	·31	·24	·22	·09	...	—	—	—	—	3·04	29	—	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Time G.M.T.	Intensity.	p/p_o sec. Z.	Sky.
																					Radiation by Ångström Pyrheliometer.			

For periods of sixty minutes, between the exact hours of Local Apparent Time.

179. Eskdalemuir : h_s (height of recorder above ground) = 1·5 metres. **November, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_o sec. Z.	Sky.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
2	—	—	—	—	...	...	...	...	·2	...	...	·2	...	...	—	—	—	—	0·4	4	...	...	...	...
3	—	—	—	—	·2	·8	·7	1·0	1·0	·9	·9	·5	·3	...	—	—	—	—	6·3	69	...	...	...	...
4	—	—	—	—	·3	·3	·8	1·0	1·0	·9	·4	·1	·5	...	—	—	—	—	5·3	59	12·06	64	3·01	Ci.-St.
5	—	—	—	—	...	·9	·8	·6	1·0	1·0	1·0	·9	...	...	—	—	—	—	6·2	69	12·12	70	3·07	F.-Cu.
6	—	—	—	—	...	...	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	—	—	—	—	6·4	72	12·14	54	3·15	Haze.
7	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
8	—	—	—	—	...	...	...	...	...	...	·1	...	...	...	—	—	—	—	0·1	1	...	...	...	...
9	—	—	—	—	...	...	...	·2	·7	·8	·1	·5	...	...	—	—	—	—	2·3	27	...	...	...	...
10	—	—	—	—	...	...	·4	·8	1·0	1·0	1·0	1·0	1·5	...	—	—	—	—	5·7	66	...	...	...	...
11	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
12	—	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	—	—	—	—	**7·4**	**87**	12·12	69	3·45	—
13	—	—	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	·6	...	—	—	—	—	7·0	83	12·54	61	3·55	F.-Cu.
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
15	—	—	—	—	...	...	·6	·7	·7	·9	·8	·2	...	...	—	—	—	—	3·9	47	...	...	...	...
16	—	—	—	—	...	...	...	·4	1·0	1·0	1·0	·5	...	...	—	—	—	—	3·9	47	...	...	...	...
17	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...	...
18	—	—	—	—	...	...	...	·5	1·0	1·0	1·0	·2	...	...	—	—	—	—	3·7	46	12·08	67	3·78	—
19	—	—	—	—	—	·3	·7	1·0	·5	·2	·5	...	...	—	—	—	—	—	3·2	40	...	...	...	...
20	—	—	—	—	—	...	...	·4	...	...	...	...	...	—	—	—	—	—	0·4	5	...	...	...	...
21	—	—	—	—	—	...	...	...	·2	...	...	...	...	—	—	—	—	—	0·2	3	...	...	...	...
22	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
23	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
24	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
25	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
26	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
27	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
28	—	—	—	—	—	...	·7	·1	...	...	·5	·9	...	—	—	—	—	—	2·2	29	...	...	...	...
29	—	—	—	—	—	...	...	·2	...	...	·3	...	...	—	—	—	—	—	0·5	7	...	...	...	...
30	—	—	—	—	—	...	...	·2	...	...	...	...	...	—	—	—	—	—	0·2	3	...	...	...	...
Sum.	—	—	—	—	0·5	3·5	7·7	9·9	**11·5**	10·7	10·6	8·0	2·9	...	—	—	—	—	65·3	—	—	—	—	—
Mean.	—	—	—	—	·02	·12	·26	·33	**·38**	·36	·35	·27	·10	...	—	—	—	—	2·18	25	—	—	—	—

180. Eskdalemuir : h_s = 1·5 metres. **December, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%	h. m.	mw/cm²		
1	—	—	—	—	—	...	...	...	...	...	·1	...	...	—	—	—	—	—	0·1	1	...	...	...	...
2	—	—	—	—	—	...	·7	·5	...	...	...	...	...	—	—	—	—	—	1·2	16	...	...	...	...
3	—	—	—	—	—	...	...	...	...	·1	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
4	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
5	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
6	—	—	—	—	—	...	...	...	·3	·1	...	...	...	—	—	—	—	—	0·4	5	...	...	...	...
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
9	—	—	—	—	—	...	...	·1	·4	...	...	...	...	—	—	—	—	—	0·5	7	...	...	...	...
10	—	—	—	—	—	...	...	...	·1	...	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
12	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
13	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
14	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
15	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
16	—	—	—	—	—	...	·2	·9	·4	·1	·1	·2	...	—	—	—	—	—	1·9	27	...	...	...	...
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
18	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
19	—	—	—	—	—	...	...	...	·9	·9	...	...	...	—	—	—	—	—	1·8	26	...	...	...	...
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
22	—	—	—	—	—	...	...	·6	1·0	·5	·2	...	...	—	—	—	—	—	2·3	33	...	...	...	...
23	—	—	—	—	—	...	...	...	·2	·8	1·0	...	...	—	—	—	—	—	2·0	29	...	...	...	...
24	—	—	—	—	—	...	...	...	·1	...	...	...	...	—	—	—	—	—	0·1	1	...	...	...	...
25	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...	...
26	—	—	—	—	—	...	...	...	...	...	·1	...	...	—	—	—	—	—	0·1	1	...	...	...	...
27	—	—	—	—	—	...	·2	1·0	·4	·1	...	...	...	—	—	—	—	—	1·7	24	...	...	...	...
28	—	—	—	—	—	...	...	·9	·8	1·0	·9	...	...	—	—	—	—	—	**3·6**	**51**	...	...	...	...
29	—	—	—	—	—	...	...	·5	·2	...	...	...	...	—	—	—	—	—	0·7	10	...	...	...	...
30	—	—	—	—	—	...	...	...	...	...	...	·2	...	—	—	—	—	—	0·2	3	...	...	...	...
31	—	—	—	—	—	...	·4	...	...	...	...	...	...	—	—	—	—	—	0·4	6	...	...	...	...
Sum.	—	—	—	—	—	...	1·5	4·5	**4·8**	3·6	2·4	0·4	...	—	—	—	—	—	17·2	—	—	—	—	—
Mean.	—	—	—	—	—	...	·05	·15	**·15**	·12	·8	·01	...	—	—	—	—	—	0·55	8	—	—	—	—
Annual Total.	...	2·2	14·3	32·8	62·1	86·0	101·0	114·8	**118·2**	112·6	106·5	93·1	76·8	58·7	38·1	19·9	3·8	...	1040·9	—	—	—	—	—
Annual Mean.	...	·01	·04	·09	·17	·24	·28	·31	**·32**	·31	·29	·25	·21	·16	·10	·05	·01	...	2·85	23	—	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation by Ångström Pyrheliometer. Time G.M.T.	Intensity.	p/p_o sec. Z.	Sky.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°). *Speed in metres per second.*

181. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	310	4·1	300	5·3	270	5·2	240	4·5	280	4·9	280	2·5	300	5·0	300	5·1	200	3·5	160	2·6	300	3·4	320	3·9
2	180	2·0	190	2·6	180	2·0	210	3·3	190	2·1	190	3·0	190	2·1	180	2·1	—	1·0	180	2·0	230	2·5	230	1·9
3	280	6·0	290	6·6	290	7·1	290	4·6	290	5·1	260	3·0	240	2·1	240	3·1	260	4·0	250	2·0	270	2·6	270	1·8
4	—	1·1	—	1·1	—	1·0	—	1·0	—	1·0	—	1·0	—	0·4	—	0·4	—	0·4	—	0·0	—	0·3	170	2·0
5	170	1·9	170	1·9	170	1·9	180	4·0	180	6·6	180	8·9	180	10·1	190	12·0	200	10·9	210	12·4	200	9·6	200	9·1
6	190	9·0	190	6·4	190	6·3	190	6·0	190	6·4	180	3·9	170	4·5	170	3·9	180	5·1	180	6·1	170	6·0	170	5·3
7	80	2·1	140	4·3	150	5·0	150	5·8	160	5·4	150	5·5	150	3·8	—	1·1	140	2·2	140	3·6	140	2·4	140	3·6
8	50	2·9	80	5·1	90	8·4	100	7·7	100	9·0	90	9·6	90	10·1	90	9·5	90	10·9	100	13·5	90	12·6	90	12·4
9	60	10·8	60	9·4	50	8·0	50	7·5	50	6·9	30	5·1	20	6·2	20	4·9	10	5·9	30	7·0	30	6·9	50	7·0
10	100	5·0	110	6·4	110	8·5	110	9·4	110	9·9	110	8·3	110	8·5	110	8·1	110	6·0	120	2·6	—	1·0	—	1·0
11	—	0·4	—	0·5	—	1·5	—	1·2	—	1·1	—	1·4	—	0·6	—	1·5	—	1·5	—	1·4	—	1·4	—	1·3
12	170	10·9	190	12·6	200	13·0	220	10·6	220	8·5	220	8·5	220	9·5	220	11·1	210	11·6	210	11·0	210	10·5	220	11·6
13	30	1·8	—	1·5	180	3·2	190	4·9	170	5·3	160	4·5	150	4·4	160	5·4	160	6·6	170	9·0	180	11·6	190	17·1
14	210	8·0	210	5·7	220	2·6	180	2·5	180	2·3	180	2·7	190	2·7	220	3·0	200	2·7	210	2·1	190	2·4	200	2·4
15	—	1·1	—	0·5	—	1·5	50	1·7	—	0·5	—	1·5	—	0·6	130	3·0	140	4·3	150	2·3	130	3·0	120	2·4
16	120	5·0	100	7·3	90	5·1	10	2·0	20	2·6	20	2·7	30	3·4	30	3·8	50	3·8	60	5·2	50	4·5	50	4·6
17	30	2·4	80	4·0	70	4·1	50	3·0	50	6·8	70	6·1	70	6·3	80	5·5	80	5·5	100	5·8	100	7·0	100	6·0
18	70	3·0	60	3·0	60	3·6	70	4·1	60	3·0	30	3·1	30	3·2	20	2·7	360	2·6	360	2·2	360	1·6	—	1·5
19	210	9·2	210	9·3	220	8·4	210	9·4	200	8·4	210	9·0	210	9·5	220	9·8	210	8·0	210	7·9	220	8·5	220	9·0
20	270	9·6	260	9·6	270	10·0	270	13·0	280	13·4	†	10·8	290	10·5	290	10·3	290	10·9	270	5·1	260	7·1	260	5·4
21	—	0·6	—	0·4	—	0·4	—	1·0	—	0·9	—	0·8	—	0·5	—	1·4	—	1·5	170	2·1	160	3·3	160	4·3
22	160	3·9	160	5·0	160	5·5	160	5·4	160	5·4	170	5·0	170	4·6	170	5·1	170	5·0	180	5·4	180	5·5	180	5·2
23	210	2·5	210	1·6	210	2·1	—	1·5	—	1·0	210	1·9	200	2·4	170	1·6	180	3·5	190	1·9	180	3·5	200	3·9
24	190	9·2	200	10·4	200	10·6	200	10·3	200	12·0	200	11·4	200	10·9	200	11·0	210	10·0	200	10·0	210	8·5	200	7·1
25	190	1·9	150	2·9	160	3·0	230	5·2	200	4·3	230	4·3	210	4·6	170	4·5	170	4 0	190	4 6	200	7 0	200	7·8
26	190	6·1	180	3·8	190	7·6	190	10·0	190	11·9	190	11·6	200	12·5	200	13·3	200	13·5	210	14·8	210	15·0	210	15·2
27	270	7·9	270	10·1	280	10·2	280	9·1	280	7·7	280	8·6	280	7·6	280	6·9	280	8·0	270	7·0	270	7·3	270	6·6
28	280	8·4	290	9·0	290	10·2	290	11·2	300	10·5	290	10·4	300	5·0	320	4·1	300	5·9	300	9·5	280	8·9	280	7·1
29	220	5·1	220	4·9	210	5·6	220	4·5	210	4·4	240	4·6	230	6·0	230	5·1	240	5·6	260	7·7	260	7·0	260	5·4
30	210	4·2	200	4·5	210	5·9	220	6·7	230	7·4	240	7·4	220	6·7	220	6·5	210	8·9	210	8·3	210	8·7	230	10·5
31	200	5·0	200	5·5	200	6·3	200	6·3	200	6·7	200	9·2	200	9·0	200	9·0	200	9·4	200	8·9	210	10·6	200	10·5
Mean ...	—	4·9	—	5·2	—	5·6	—	5·7	—	5·9	—	5·7	—	5·6	—	5·6	—	5·9	—	5·9	—	6·1	—	**6·2**

182. Eskdalemuir : H_a = 235 metres + 15 metres.

Day.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	260	3·2	240	2·9	230	2·6	230	3·6	190	1·7	170	1·6	170	2·4	200	3·9	210	3·5	210	5·0	200	4·9	200	5·1
2	260	11·0	260	11·6	260	11·7	260	12·1	260	11·9	270	12·5	270	11·6	270	11·0	270	10·1	270	10·3	270	10·1	270	9·5
3	280	9·7	290	10·0	290	11·4	300	11·6	300	9·6	300	10·7	300	9·2	290	8·2	280	7·3	270	9·7	270	13·5	280	14·1
4	270	6·6	260	5·6	270	6·5	270	5·5	280	6·7	270	4·9	280	8·6	270	10·5	270	11·1	260	8·4	260	7·4	270	7·4
5	270	11·8	270	11·7	†	14·4	†	15·1	†	14·8	†	13·8	270	13·9	270	12·5	270	12·5	270	14·7	270	14·9	270	14·4
6	270	6·0	280	6·5	280	7·0	280	7·2	†	7·0	270	7·8	280	8·3	290	8·0	300	7·3	290	8·1	290	9·1	300	10·2
7	290	9·2	290	7·8	280	4·1	270	3·0	270	2·2	260	2·5	270	2·5	260	2·9	270	3·0	230	4·4	230	4·8	240	4·0
8	290	3·7	180	4·0	180	3·6	180	2·6	160	3·4	150	3·6	160	4·9	160	5·1	150	6·0	160	5·8	160	6·0	140	5·5
9	150	5·9	140	7·0	140	8·4	120	6·1	120	6·9	120	5·6	110	3·3	100	4·5	100	6·5	120	11·1	110	10·4	110	10·1
10	—	0·2	—	1·4	—	1·4	—	1·3	—	1·3	—	1·3	—	1·5	360	2·0	10	1·9	50	4·6	30	4·4	20	5·1
11	40	†	40	†	30	†	30	†	70	5·4	70	5·0	50	4·4	50	4·1	30	4·8	50	4·7	70	5·9	60	6·5
12	50	4·0	50	4·5	50	4·0	60	4·0	70	4·9	70	4·8	60	4 9	60	4·2	50	4 8	80	5·6	80	5·4	80	5·5
13	80	8·5	80	8·9	60	9·5	70	8·3	80	9·4	60	10·0	70	9·1	50	9·6	50	8·6	60	7·0	70	8·4	80	9·5
14	80	3·5	90	4·0	100	3·4	100	3·1	100	3·4	120	3·4	140	2·0	160	3·5	180	3·9	190	3·8	210	4·9	200	5·3
15	170	2·8	190	3·0	140	3·0	200	5·0	190	4·5	210	3·7	220	5·0	240	3·4	250	4·0	220	4·4	210	3·0	230	3·0
16	320	6·8	320	5·6	320	5·4	320	3·4	320	4·3	320	5·0	320	2·6	320	3·3	360	1·6	30	2·4	30	3·0	60	2·9
17	230	2·8	160	2·5	150	3·8	150	3·6	160	3·9	180	4·0	230	5·9	220	5·4	210	4·6	200	5·2	200	5·5	220	6·9
18	220	7·8	210	5·3	180	3·0	230	3·6	290	6·6	290	4·8	320	7·0	340	6·4	360	11·3	10	10·9	10	10·5	10	10·0
19	340	8·0	340	6·0	340	6·1	330	5·1	340	5·6	340	5·6	330	4·6	330	4·0	360	4·9	360	5·5	360	5·4	360	4·5
20	—	0·3	—	0·4	—	0·5	—	0·4	—	0·4	—	0·4	—	0·5	—	0·5	—	0·6	150	3·9	210	5·0	210	5·6
21	280	3·5	270	3·9	280	3·6	270	4·2	250	4·1	250	5·1	240	4·5	250	4·6	290	4·3	330	4·1	330	5·0	360	5·1
22	360	3·1	†	2·6	†	3·1	†	3·5	†	2·6	—	1·1	340	3·7	340	3·6	340	4·4	360	5·6	360	6·5	360	6·5
23	330	2·9	340	3·9	340	3·0	340	2·6	340	2·6	340	2·5	350	2·4	320	2·2	310	2·9	310	3·9	280	4·0	300	4·2
24	270	8·0	270	9·5	260	8·8	250	8·5	270	8·5	280	8·7	300	8·4	290	7·2	300	7·1	310	7·0	320	6·9	320	6·0
25	330	7·5	340	6·1	330	6·0	360	4·1	360	7·0	360	7·0	360	8·5	360	8·4	360	9·5	10	10·5	10	10·7	10	11·3
26	†	4·1	†	2·6	†	2·0	†	2·8	†	2·2	†	3·9	†	4·2	†	4·2	340	3·5	350	3·7	10	4·9	20	4·4
27	200	2·7	180	2·0	200	2·8	200	3·1	210	4·3	210	5·4	220	6·1	210	5·8	180	5·6	170	4·8	240	5·0	240	4·1
28	340	7·3	340	5·0	340	7·1	330	5·1	350	5·4	330	5·5	330	4·5	330	5·0	330	5·1	340	5·2	350	5·0	340	4·6
29	230	3·6	240	10·3	240	12·3	240	13·0	250	14·0	250	14·9	270	14·6	280	14·4	290	13·5	290	13·7	300	14·3	300	13·9
Mean ...	—	5·6	—	5·5	—	5·7	—	5·5	—	5·7	—	5·7	—	5·9	—	5·9	—	6·1	—	6·8	—	7·2	—	7·1
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Average for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time. **January, 1924.**

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
270	4·0	260	3·8	260	3·0	260	2·6	260	3·1	240	3·1	240	3·9	190	3·0	160	2·4	160	2·3	190	2·4	180	2·4	3·8	1
—	0·1	180	2·0	140	2·1	340	2·1	320	1·9	300	3·0	290	4·5	270	3·1	—	0·5	280	4·4	300	2·5	280	4·0	2·3	2
180	2·2	200	2·7	230	3·0	230	2·3	—	0·6	—	0·4	—	0·8	—	1·4	—	1·0	—	1·1	—	1·1	—	1·1	2·8	3
160	2·0	170	1·6	—	1·0	170	1·6	170	2·5	160	1·9	160	1·7	160	1·6	—	1·3	—	0·4	—	1·0	170	1·9	**1·2**	4
200	9·1	200	8·1	190	8·0	200	8·9	210	9·0	200	6·1	210	7·0	200	6·5	200	7·0	210	6·0	200	7·7	190	9·0	7·4	5
160	4·5	160	4·4	160	3·5	160	1·5	180	2·0	—	0·9	—	0·8	—	1·2	200	2·1	330	2·4	230	1·8	100	2·1	4·1	6
150	4·5	150	4·3	150	4·4	150	3·4		1·0	—	1·4	360	2·6	350	2·7	10	2·7	360	2·5	20	3·1	70	3·5	3·3	7
90	11·6	90	11·8	90	12·9	90	13·6	70	14·2	70	14·5	60	12·8	50	11·7	60	15·9	60	12·2	60	10·4	70	10·6	10·8	8
50	6·0	50	5·8	40	5·0	40	4·5	40	4·5	40	4·9	40	2·5	—	1·4	40	2·2	—	0·9	—	0·5	—	0·6	5·4	9
130	2·3	190	2·7	200	4·5	200	4·5	220	5·2	230	6·5	230	7·0	220	6·1	160	2·0	—	1·4	—	1·0	—	0·5	4·9	10
180	2·9	190	4·5	220	5·6	190	3·1	190	2·0	—	0·7	—	0·6	160	6·0	150	8·5	140	9·5	150	10·6	160	8·9	3·0	11
210	9·3	190	9·5	190	10·0	200	8·0	200	6·6	190	4·9	200	3·6	200	2·1	170	3·6	140	2·2	—	1 5	40	2 7	8·2	12
190	16·0	180	14·1	180	14·2	180	13·0	210	8·9	210	9·2	230	6·6	230	4·6	210	4·6	200	4·0	220	6·6	220	6·8	7·6	13
170	2·0	170	2·0	—	1·5	—	0·9	40	1·6	60	3·4	60	2·6	90	1·6	—	1·5	30	2·4	—	1·0	140	2·3	2·7	14
110	6·0	110	4·1	110	4·5	120	3·6	110	2·0	130	3·6	—	1·4	—	1·4	190	2·1	360	1·8	—	1·5	120	1·6	2·3	15
60	6·0	60	6·3	90	5·9	80	6·0	70	5·5	70	5·5	70	5·6	70	7·5	40	5·0	20	6·1	60	5·6	20	3·3	4·9	16
100	5·0	90	5·0	100	5·5	90	5·1	110	6·2	110	7·3	110	6·5	120	6·0	120	5·0	90	4·5	100	4·5	90	4·3	5·3	17
360	1·7	—	1·1	260	2 0	200	2·7	180	4·4	190	7·0	210	10·0	200	10·7	200	10·6	200	9·0	200	9·8	210	9·9	4·6	18
210	9·1	200	8·3	190	9·0	190	10·9	200	10·7	200	8·5	200	7·4	250	9·5	260	10·2	260	9·4	270	8·9	270	7·5	9 0	19
270	5·4	260	4·1	250	3 0	240	3 7	270	4·0	270	3·5	270	2·8	270	3·5	—	1·5	—	0·5	—	0·7	—	0·5	6·3	20
170	4·4	170	2·9	170	3·5	170	3·0	170	3·3	170	3·5	170	3·8	170	4·5	160	4·9	170	4·5	170	4·0	170	2·5	2·5	21
170	5·0	170	3·5	180	3·8	180	3·5	180	3·5	180	1·9	220	3·2	220	1·6	210	2·1	210	2·3	210	2·6	210	2·1	4·0	22
220	4·3	210	4·5	200	4·6	200	3·5	200	3·5	180	3·5	170	3·3	190	3·5	200	4·4	200	4·5	200	6·6	190	7·6	3 3	23
200	7·0	200	7·5	200	6·5	210	5·6	210	3·4	220	4·6	230	4·4	230	3·7	160	2·1	200	2·6	210	1·8	230	0·6	7·3	24
210	10·2	200	7·0	190	6·9	190	6·5	190	5·9	180	5·9	190	7·5	200	7·8	200	9·1	200	8·0	200	6·1	190	7·0	5·8	25
210	15·0	210	14·2	210	14·4	210	11·4	220	11·0	210	13·0	210	13·3	210	13·4	210	13·5	210	15·6	210	14·9	270	11·4	**12·3**	26
270	7·2	280	5·9	280	6·7	270	8·7	270	6·8	270	8·5	280	9·6	290	10·1	280	7·1	280	5·1	270	4·1	280	3·9	7·7	27
280	5·6	270	4·7	270	2·9	270	3·0	270	4·0	260	5·0	250	6·4	240	6·5	230	6·8	230	7·9	220	6·5	220	4·9	6·8	28
250	2·0	250	4·0	200	2·8	270	4·6	260	2·4	270	2·6	260	2·6	250	2·0	260	2·7	260	3·1	200	3·6	210	4·1	4·3	29
230	10·1	230	9·4	230	8·3	230	6·5	210	3·4	210	4·0	200	3·0	180	2·8	170	2·9	190	4·0	200	4·8	200	5·0	6·2	30
210	10·5	210	9·0	240	8·0	240	7·0	260	7·3	260	8·5	270	8·3	270	8·6	270	9·0	270	4·0	290	4·4	270	4·1	7·7	31
—	6·2	—	5·8	—	5·7	—	5·3	—	4·9	—	5·1	—	5·0	—	5·0	—	5·0	—	4·7	—	4·6	—	**4·4**	5·4	

February, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
210	6·6	240	9·1	250	10·3	260	12·3	260	10·5	270	8·0	270	7·5	250	5·0	250	7·6	250	6·9	250	8·0	260	8·7	5·8	1
270	10·3	270	9·1	270	9·1	270	10·5	280	12·5	270	13·1	270	11·3	270	12·1	270	11·1	270	11·3	270	10·7	280	9·5	11·0	2
270	11·2	270	10·8	270	7·9	270	10·5	280	10·5	270	8·1	270	8·4	270	10 5	270	10 6	270	10·3	270	9·1	270	10·1	10·1	3
270	9·3	280	9·1	270	7·0	260	6·5	270	6·8	260	5·4	260	4·9	270	9·0	270	7·7	270	7·4	270	10·9	270	10·6	7·6	4
270	13·2	270	12·9	290	11·3	290	9·8	280	9·9	280	7·9	290	6·2	290	7·1	280	6·2	280	6·0	290	5·9	280	6·0	11·2	5
290	12·0	300	12·0	290	12·9	290	14·3	290	14·8	300	7·0	†	2·9	300	10·6	290	10·9	270	7·1	270	5·8	280	6·9	8·7	6
260	3·3	250	3 4	240	4·2	230	4·3	170	2·6	—	1·5	—	1·4	—	1·5	150	2·2	190	3·4	190	3·8	190	3·5	3·6	7
140	5·5	130	6·1	130	6·8	130	6·5	130	6·2	140	6·9	140	7·6	140	7·6	140	7·4	140	7·2	150	6·9	150	7·7	5·6	8
120	8·4	110	5·3	110	4·0	110	5·6	110	4·1	120	3·3	—	1·4	—	1·3	—	0·3	—	0·1	—	0·1	—	0·1	5·1	9
60	5·4	60	5·4	50	5·0	40	5·0	60	4·1	90	4·5	80	4·8	70	4·8	70	4·6	20	3·0	10	4·0	30	†	—	10
50	6·0	40	5·6	30	5·2	20	5·0	30	5·0	50	5·1	40	5·1	40	5·1	40	5·7	50	5·1	50	5·0	50	4·8	—	11
70	6·5	80	7·2	90	6·6	90	6·5	80	7·3	90	6·5	80	8·3	70	8·7	80	8·2	80	8·6	80	7·6	70	9·9	6·1	12
80	7·9	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	80	5·0	80	4·3	80	3·5	—	13
230	5·5	230	6·2	230	6·4	220	6·1	230	4·9	210	4·4	210	5·0	210	4·0	220	4·6	230	4·9	170	3·1	190	4·2	4·3	14
320	4·0	340	5·1	340	4·5	330	2·6	340	2·6	340	2·4	340	3·5	330	6·6	320	7·0	320	6·9	320	7·1	320	6·9	4·3	15
20	2·1	50	1·7	—	0·9	—	0·7	—	0·8	—	0·9	—	0·7	—	0·7	—	1·0	—	1·4	—	1·4	250	2·3	**2·6**	16
210	6·1	210	6·4	220	7·4	220	8·9	200	6·8	200	6·5	200	7·4	210	7·9	210	9·9	220	9·1	220	10·0	230	8·9	6·1	17
10	10·4	360	9·4	360	9·6	360	8·9	360	6·5	360	7·6	†	4·5	†	5·1	340	5·9	330	6·5	330	8·0	340	7·9	7·4	18
360	4·0	10	3·4	20	2·5	—	0·9	—	0·3	—	1·1	—	1·0	200	2·5	180	2·1	190	2·0	—	0·8	—	0·8	3·8	19
210	5·9	220	4·4	240	4·3	250	3·6	210	4·1	200	2·7	150	3·3	260	4·0	280	4·9	270	4·1	280	3·5	280	4·0	2·7	20
360	5·0	40	3·4	30	3·0	50	6·0	30	4·9	—	1·5	20	3·6	20	3·3	360	3·6	30	3·0	360	3·9	360	4·4	4·1	21
360	8·2	360	7·8	360	7·4	360	5·6	360	6·1	310	3·3	360	3·0	360	3·9	10	3·3	20	3·6	10	6·5	10	6·0	4·6	22
290	4·6	300	5·9	300	7·5	290	9·9	290	10·0	290	9·9	290	8·9	290	11·2	270	8·0	230	3·9	240	3·6	270	7·5	5·3	23
320	8·0	350	10·0	350	8·4	360	8·4	20	8·0	360	6·9	340	7·8	340	6·0	350	5·9	350	6·9	340	5·9	340	7·0	7·7	24
360	8·7	360	8·6	10	7·4	30	5·2	30	3·9	20	4·1	360	3·0	10	4·0	—	0·8	†	2·7	—	1·2	†	3·9	6·3	25
20	4·2	20	3·9	50	3·6	30	3·1	—	1·5	—	1·2	—	0·5	—	0·4	—	1·0	210	1·9	—	1·4	200	1·8	2·8	26
270	5·2	320	7·5	340	2·6	340	4·6	330	7·6	350	6·2	360	5·1	360	4·9	360	3·7	—	1·5	350	3·3	330	4·9	4·5	27
320	4·2	320	4·1	280	3·5	280	3·4	280	4·8	290	6·2	270	3·9	270	6·2	260	8·6	240	7·7	220	7·6	220	7·6	5·5	28
300	13·1	300	13·7	290	12·1	290	12·5	290	14·6	290	11·8	290	12·6	290	14·1	290	15·0	290	14·5	290	15·5	†	17·6	**13·1**	29
—	7·1	—	**7·2**	—	6·6	—	6·8	—	6·6	—	5·5	—	**5·1**	—	6·1	—	6·1	—	5·7	—	5·8	—	6·5	6·1	

31.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

† Defective Record.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°). Speed in metres per second.

183. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	†	19·9	†	19·8	†	16·0	†	13·4	†	12·3	†	14·8	†	15·0	310	14·7	310	14·2	300	12·8	300	13·0	300	12·9
2	—	1·3	—	1·0	—	1·1	—	1·2	—	1·4	—	1·3	—	1·2	—	1·1	—	1·3	—	0·3	†	2·5	110	2·8
3	—	†	—	†	—	†	—	†	—	†	—	†	—	†	—	†	†	†	160	2·6	230	4·7	240	5·5
4	—	†	—	†	—	†	—	†	—	†	—	†	—	†	—	†	†	†	180	1·6	280	2·6	310	2·9
5	180	1·6	—	†	—	†	—	†	—	†	—	†	—	†	—	†	†	†	†	†	—	1·4	—	0·4
6	10	3·6	†	2·8	—	0·6	—	0·4	—	0·3	—	0·3	—	0·3	—	0·3	—	0·5	—	0·4	210	1·8	200	2·9
7	—	0·1	200	3·5	210	3·0	210	5·1	210	4·9	200	5·0	210	5·4	210	8·6	220	10·5	210	10·1	210	10·6	210	11·1
8	220	9·5	220	9·1	220	7·9	220	8·0	210	5·9	210	4·4	200	2·0	—	1·3	—	1·1	240	4·5	230	7·4	220	7·5
9	—	0·1	—	0·0	—	0·1	—	0·0	—	0·0	—	0·0	—	0·1	—	0·0	190	1·5	200	3·4	230	7·1	230	8·0
10	—	0·0	—	0·0	—	0·1	—	0·1	—	0·1	—	0·2	—	0·0	—	0·1	—	0·1	—	0·1	—	1·0	190	2·5
11	—	1·5	—	1·0	—	1·0	—	1·0	—	0·7	—	0·6	—	0·9	—	1·1	—	0·5	200	2·4	170	4·0	180	4·5
12	320	1·6	—	1·5	—	1·1	—	1·2	—	1·4	340	1·9	—	1·4	—	0·5	—	0·3	190	2·9	190	4·8	190	6·6
13	—	0·3	—	0·4	—	1·0	—	1·5	340	1·7	350	2·1	360	1·7	—	1·1	—	0·9	150	6·5	150	6·3	160	6·6
14	—	1·0	—	1·5	—	1·4	—	0·9	—	0·5	—	0·5	—	0·8	—	0·3	—	0·2	—	0·2	200	3·0	180	5·0
15	—	0·4	—	1·3	—	1·2	—	0·5	—	1·0	—	1·5	240	4·5	260	5·2	240	4·5	200	4·5	230	4·5	250	3·8
16	—	0·2	—	0·4	—	0·9	†	3·2	†	4·4	†	2·6	†	2·3	—	0·9	180	2·2	350	5·1	360	5·0	†	5·8
17	—	1·5	—	0·9	—	1·4	360	4·0	350	3·1	—	0·1	—	0·1	—	0·5	—	1·5	10	5·0	360	4·9	350	4·0
18	—	0·5	—	0·1	—	0·1	—	0·1	—	0·2	—	1·2	200	3·0	160	3·8	50	8·1	330	6·0	330	4·3	290	4·4
19	230	3·2	220	3·6	210	5·0	220	5·5	200	5·8	200	6·7	150	5·2	140	6·2	150	6·1	230	2·3	230	2·3	—	1·5
20	350	1·4	350	2·6	350	2·5	350	2·8	350	2·5	350	2·4	350	3·0	350	2·5	100	4·3	130	5·0	150	4·4	160	3·5
21	—	1·0	—	0·4	—	0·8	—	0·9	—	1·1	—	1·1	—	1·0	—	0·4	—	0·5	—	0·1	—	0·2	—	1·3
22	—	0·1	—	0·4	—	0·1	280	0·3	320	1·8	340	2·4	340	2·4	340	2·6	—	1·5	—	1·2	—	0·6	—	1·4
23	200	2·5	—	1·5	—	0·2	310	1·8	350	1·6	360	1·6	350	3·9	340	6·4	30	7·0	40	5·5	30	4·9	30	4·9
24	350	2·1	340	4·0	330	3·8	340	3·9	350	4·0	340	4·0	†	6·1	†	6·5	†	5·4	†	5·6	†	6·4	†	6·0
25	20	4·6	20	5·3	20	5·0	20	4·7	20	4·6	20	4·4	20	4·5	20	4·0	20	3·5	20	3·3	20	4·2	20	4·5
26	10	4·4	10	4·3	10	4·5	10	4·4	10	4·0	10	4 3	10	4·0	10	4·0	20	6·3	30	6·4	50	6·8	50	6·1
27	30	3 5	30	3·1	30	3·1	30	2·8	30	3·0	40	3·1	50	3·1	50	3·0	60	3·6	70	3·2	50	3·5	60	3·2
28	—	0·3	350	1·8	340	1·7	330	2·0	340	2·4	350	4·1	360	3·6	360	4·4	10	4·4	20	4·1	20	4·3	30	4·3
29	20	4·0	20	4·4	—	1·0	—	0·8	—	0·4	—	0·2	—	0·2	10	2·2	20	6·1	20	6·5	20	6·4	20	5·6
30	—	0·6	340	2·2	360	3·4	360	3·0	360	3·5	350	3·5	360	3·2	350	3·1	350	4·5	360	3·2	30	3·4	360	1·6
31	—	0·3	—	1·1	—	0·6	—	0·6	340	2·2	350	3·6	350	2·6	340	2·2	360	5·1	30	4·9	30	5·4	20	5·9
Mean‡...	—	2·5	—	2·9	—	2·5	—	2·7	—	2·7	—	2·8	—	3·0	—	3·2	—	3·9	—	4·3	—	4·8	—	5·0

184. Eskdalemuir : H_a = 235 metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	350	4·3	350	4·0	360	4·0	350	3·4	350	3·0	360	3·1	360	4·6	360	6·2	360	7·2	360	8·0	10	7·2	10	6·6
2	—	0·8	—	0·8	—	0·2	—	0·6	360	4·5	360	4·6	360	4·0	360	5·5	30	5·2	50	4·5	50	4·8	30	4·6
3	20	2·2	—	1·4	—	1·0	—	0·6	—	0·8	—	0·8	—	0·7	—	1·4	360	4·0	40	5·4	50	5·7	30	5·6
4	10	6·4	10	6·1	10	6·0	10	6·1	10	5·8	10	4·4	10	4·5	40	4·4	40	5·3	40	4·8	40	6·7	30	6·5
5	—	0·3	—	0·2	—	0·2	—	0·6	—	0·2	—	0·1	—	0·1	—	0·1	—	0·1	—	1·1	—	0·6	—	0·3
6	350	2·3	350	3·8	—	0·2	—	0·1	—	0·2	—	0·1	—	0·2	—	0·2	—	0·2	—	1·5	340	1·7	—	1·5
7	250	3·7	210	2·1	250	7·4	230	6·4	210	5·0	190	4·9	240	4·9	220	6·6	210	6·9	210	7·5	210	8·0	210	9·5
8	†	12·4	†	12·4	†	13·5	†	12·0	†	11·0	†	12·0	250	11·1	240	12·2	240	11·5	250	11·0	260	10·5	260	9·6
9	260	4·0	260	3·1	290	4·6	290	5·4	290	4·2	280	2·8	290	5·1	310	4·1	310	3·2	300	2·6	—	1·5	60	1·9
10	—	0·8	350	1·6	340	1·6	—	0·4	—	0·2	—	0·2	—	0·5	—	1·5	350	2·6	40	5·9	40	6·2	40	6·5
11	—	1·5	—	1·4	—	0·6	—	0·2	—	0·4	—	0·2	—	0·1	—	0·1	180	2·4	190	5·9	200	6·1	190	6·7
12	340	2·0	360	1·8	360	1·8	—	1·4	340	1·8	350	3·0	360	2·9	360	5·2	50	5·7	60	4·9	20	4·5	360	5·6
13	30	2·5	—	1·5	—	1·4	—	1·3	40	1·8	—	1·1	—	0·5	—	0·5	120	1·7	140	6·0	160	7·1	190	5·0
14	—	1·0	—	0·4	—	0·4	—	0·4	310	2·6	340	2·8	360	3·8	360	2·5	360	2·6	350	3·1	340	2·8	340	2·0
15	—	0·4	240	5·1	220	4·2	190	4·0	200	6·4	210	9·0	210	10·0	220	10·5	210	11·3	230	12·3	230	11·1	230	9·6
16	250	4·5	260	6·1	250	6·3	260	6·5	270	6·6	270	7·6	270	10·0	270	12·0	290	13·4	290	10·1	290	11·1	290	10·4
17	310	2·2	320	2·9	320	3·0	—	0·6	—	0·8	—	0·4	—	0·3	—	1·1	110	1·7	140	3·1	210	2·8	240	3·6
18	—	0·0	230	1·9	220	3·0	220	2·1	200	4·6	200	5·0	190	5·8	200	6·4	210	7·2	220	10·3	210	8·6	200	8·0
19	220	5·0	220	5·4	220	5·3	210	4·0	200	4·1	190	4·4	190	5·4	210	6·5	230	6·0	220	5·8	210	6·8	230	6·9
20	180	3·0	210	3·4	150	3·3	150	3·4	250	3·4	240	6·2	230	5·8	240	6·2	240	6·3	200	5·9	210	7·0	220	6·0
21	230	3·6	270	5·6	280	5·2	280	5·2	310	7·0	310	9·5	300	8·5	300	5·9	300	8·4	290	11·5	300	6·1	290	3·9
22	—	0·4	210	2·6	220	2·8	—	1·5	300	4·6	300	2·6	310	2·1	300	5·3	310	5·2	30	7·4	20	5·0	20	4·7
23	—	0·8	—	0·4	—	0·0	—	0·1	—	0·2	—	0·2	—	0·0	—	0·0	140	2·7	180	1·8	180	2·7	180	2·8
24	—	0·5	40	2·4	20	3·4	10	3·0	20	3·2	20	3·7	20	4·5	20	4·1	20	5·1	30	5·1	30	3·5	20	1·8
25	210	8·8	210	9·4	210	7·4	210	7·4	190	6·8	190	6·8	190	6·8	190	6·5	180	5·5	170	5·1	150	5·1	150	5·2
26	170	5·0	180	4·1	160	4·0	150	3·9	150	4·0	140	4·8	130	6·1	130	7·6	130	7·5	140	7·4	150	10·1	140	9·1
27	200	6·4	200	6·2	220	6·4	250	9·5	240	8·5	230	6·8	230	8·6	230	7·8	240	8·5	220	7·8	210	7·1	200	6·7
28	270	5·8	260	6·1	260	6·2	270	6·3	260	5·8	260	3·6	220	2·7	—	1·4	—	1·3	190	2·6	160	1·6	—	1·0
29	—	0·6	—	0·2	—	0·0	—	0·0	—	0·1	—	0·1	—	0·0	—	0·9	130	2·5	—	1·3	90	2·7	80	1·7
30	—	1·3	70	3·1	60	3·0	50	3·6	40	4·5	80	5·0	80	5·1	60	5·2	60	6·1	60	6·0	40	5·9	50	6·0
Mean ...	—	3·1	—	3·5	—	3·5	—	3·3	—	3·7	—	3·9	—	4·2	—	4·6	—	5·2	—	5·9	—	5·7	—	5·3
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

‡ Mean for 27 days only, omitting 2nd, 3rd, 4th, 5th.

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

March, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
300	13·0	300	13·5	290	11·1	290	10·6	290	9·6	280	6·2	270	7·6	270	7·5	270	5·4	260	2·9	180	2·1	—	1·4	**11·6**	1
140	2·1	150	1·6	150	1·6	210	3·0	220	3·2	350	1·7	—	1·3	—	1·5	—	0·9	—	0·9	—	†	—	†	—	2
240	6·0	230	6·4	210	5·7	220	6·0	200	3·3	200	2·0	190	2·5	210	3·5	210	2·2	190	1·7	190	1·6	—	†	—	3
300	4·4	290	6·0	300	5·1	300	5·1	300	3·4	300	2·5	270	2·0	—	1·4	280	3·2	—	1·5	—	1·5	—	1·4	—	4
—	1·5	360	2·3	360	3·8	360	3·6	360	2·9	360	2·6	360	1·8	360	2·8	360	4·1	360	6·0	360	5·4	360	4·5	—	5
200	4·6	210	4·6	210	5·6	210	5·4	230	4·4	230	1·8	—	0·4	—	0·1	—	0·1	—	0·0	—	0·0	—	0·0	1·8	6
210	10·4	210	11·4	210	10·6	210	9·0	210	7·5	210	7·0	210	7·7	220	6·9	210	8·0	220	8·0	220	9·0	220	9·5	7·4	7
230	8·0	220	8·1	220	8·6	220	7·0	220	5·7	220	3·5	220	4·1	230	4·4	220	3·7	220	2·0	—	0·1	—	0·3	5·4	8
230	7·1	230	7·0	220	6·3	220	4·8	220	3·5	200	1·8	—	0·6	—	0·1	—	0·2	—	0·1	—	0·1	—	0·0	2·2	9
190	2·7	190	2·3	190	2·7	190	2·7	—	0·9	310	2·0	350	2·7	350	3·9	350	4·0	350	1·8	—	1·2	350	2·0	1·3	10
170	5·6	180	6·1	170	5·6	170	3·9	170	2·6	200	2·5	—	1·1	—	0·0	—	0·3	—	1·0	310	1·7	310	1·9	2·1	11
190	6·0	190	6·5	200	6 1	230	4·6	230	1·8	—	1·0	—	0·6	—	0·2	—	1·0	—	0·9	—	0·5	—	0·4	2·3	12
160	6·2	170	6·2	170	5·9	170	5·2	170	3·2	—	0·5	—	1·5	—	0·9	—	0·6	—	0·7	—	0·7	—	0·4	2·6	13
220	4·5	260	4·8	250	5·0	260	5·5	270	3·4	—	0·4	—	0·2	—	0·2	—	1·0	—	0·3	—	0·8	—	0·9	1·7	14
300	3·4	290	3·0	300	3·4	300	2·6	†	4·0	40	3·0	20	2·7	20	2·3	20	2·4	—	0·4	—	0·2	—	0·2	2·5	15
30	5·4	50	5·0	30	4·5	30	5·1	†	4·5	360	3·2	360	3·1	330	2·9	360	3·5	340	2·8	310	2·3	—	0·4	3·1	16
360	3·9	360	4·9	350	5·2	350	3·6	350	3·4	340	2·6	—	1·3	—	0·3	—	0·1	—	0·3	—	0·7	—	0·3	2·2	17
290	4·6	290	4·5	280	4·5	290	5·1	290	5·0	290	3·6	—	0·3	—	0·1	—	0·2	—	0·1	—	0·1	—	0·1	2·5	18
—	1·2	30	4·0	30	4·9	30	4·7	30	3·4	30	4·9	40	4·7	20	3·6	20	2·4	20	1·9	20	2·5	—	1·5	3·9	19
160	3·6	150	4·0	150	4·7	140	4·2	140	3·0	—	1·3	—	0·1	—	0·8	—	1·1	—	1·2	—	1·3	—	1·5	2·7	20
130	1·7	140	1·6	160	1·7	180	2·4	200	3·1	230	2·0	—	0·1	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	**0·9**	21
190	5·9	200	5·7	200	5·4	200	7·0	200	5·0	200	5·7	200	5·1	200	4·7	190	3·2	200	5·2	200	5·2	200	3·6	3·1	22
30	5·0	20	4·5	10	4·5	10	4·1	10	2·8	20	1·8	†	4·5	†	4·9	†	4·6	320	3·3	350	5·1	350	3·0	3·8	23
20	5·0	20	5·8	20	6·2	20	6·3	20	5·5	20	4·6	20	5·0	20	4·6	20	5·0	20	3·9	20	4·5	20	5·0	4·9	24
30	4·8	30	5·0	30	4·8	20	4·8	20	4·7	20	4·5	20	4·1	10	4·0	20	4·5	20	4·6	10	4·3	10	4·4	4·5	25
40	5·5	40	6·3	40	5·9	50	4·9	60	4·0	60	3·8	60	3·8	40	3·0	30	3·5	50	3·0	60	3·2	40	3·5	4·6	26
60	3·0	50	3·1	80	3·1	80	3·7	90	3·2	90	2·5	—	0·5	—	0·1	—	0·9	—	0·4	—	0·2	—	0·2	2·5	27
20	4·5	20	4·4	20	4·6	20	3·6	20	3·8	20	3·0	20	3·5	—	1·5	—	1·5	10	2·8	—	1·4	20	3·6	3·1	28
20	6·0	30	6·4	40	6·5	40	7·0	30	5·8	20	4·8	30	4 3	—	0·6	—	1·3	360	1·6	340	1·6	—	1·5	3·6	29
—	1·4	—	1·4	—	1·1	280	2·8	310	2 1	—	1·5	—	0·4	—	0·2	—	0·2	—	0·2	280	2·0	—	0·4	2·1	30
30	6·3	20	6·5	20	5·0	350	4·8	360	5·4	360	4·5	360	3·5	360	4·0	350	4·4	340	4·0	340	4·2	350	4·5	3·7	31
—	5·2	—	**5·4**	—	5·3	—	5·0	—	4·1	—	3·1	—	2·7	—	2·3	—	2·3	—	2·0	—	2·0	—	**1·9**	3·4	‡

April, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
10	5·9	10	6·2	360	5·6	340	5·0	20	6·1	10	5·2	10	3·6	—	0·6	—	0·2	—	0·2	—	0·2	—	0·1	4·3	1
30	5·3	40	4·9	40	5·0	50	4·9	50	5·2	40	5·1	30	2·3	30	2·0	20	1·9	—	0·9	—	1·0	20	1·6	3·3	2
30	5·5	40	5·0	40	6·0	50	5·9	40	5·5	30	4·6	20	3·9	20	4·6	10	5·6	10	4·8	20	5·9	10	4·9	3·8	3
30	7·4	30	6·2	30	6·0	20	5·5	30	5·7	30	4·6	—	0·6	330	3·1	330	3·0	330	2·6	—	0·8	—	0·7	4·8	4
—	1·5	280	2·6	280	3·2	270	4·0	270	4·5	270	4·6	280	4·0	290	6·5	290	6·6	310	4·4	—	0·6	—	0·8	2·0	5
160	2·3	220	2·8	240	3·5	230	4·4	230	4·5	240	2·6	240	1·9	—	1·0	260	2·0	280	4·1	260	2·8	230	3·5	1·9	6
220	10·4	220	9·9	210	8·6	260	9·2	260	10·9	250	12·1	250	11·3	240	12·5	240	10·9	250	12·0	250	14·6	†	12·1	8·5	7
260	7·9	260	8·3	270	7·5	260	7·2	260	8·1	260	6·5	260	4·9	270	4·4	300	4·4	210	3·6	300	2·9	270	3·5	**8·9**	8
130	1·8	260	4·7	240	7·6	250	7·0	230	4·4	200	2·0	—	1·5	—	0·4	—	0·1	—	0·4	—	1·5	330	1·6	3·2	9
30	7·4	40	7·0	30	9·3	60	8·9	30	7·9	20	6·0	30	3·6	30	3·6	20	2·0	—	1·4	340	2·5	330	1·9	3·7	10
200	8·5	200	9·3	210	10·4	220	8·3	200	6·0	200	5·4	210	4·1	210	1·7	—	0·2	—	0·0	—	0·6	—	1·5	3·4	11
360	6·2	20	5·7	30	6·5	30	7·0	30	8·0	20	7·0	20	6·5	20	5·7	20	5·6	30	3·1	30	1·8	20	1·7	4·4	12
210	6·1	210	6·3	190	4·4	150	2·1	—	1·2	120	2·0	—	1·4	—	0·9	—	1·1	130	2·9	130	2·8	170	1·6	2·6	13
290	4·8	290	6·6	270	9·4	280	8·2	270	6·5	270	6·1	270	6·3	270	3·9	250	3·6	—	0·8	—	1·3	—	0·7	3·5	14
240	12·6	220	12·1	240	11·5	230	12·0	250	11·5	250	10·3	250	9·0	240	9·0	240	7·0	230	5·4	220	5·0	220	4·4	8·4	15
290	9·8	270	9·2	290	10·0	280	10·2	290	10·0	280	8·5	280	6·2	290	1·6	—	1·3	—	1·3	—	1·0	300	2·8	7·4	16
230	4·1	210	5·5	210	5·5	200	5·6	200	4·6	200	4·6	200	3·8	—	0·6	—	0·4	—	0·1	—	0·0	—	0·0	2·4	17
200	10·6	190	9·6	190	8·0	190	8·0	190	6·4	200	7·1	180	4·0	180	3·9	180	3·4	180	3·2	210	4·1	210	6·0	5·6	18
240	7·0	230	6·3	220	5·6	230	5·1	240	4·0	200	4·3	210	4·1	210	4·0	210	3·5	210	4·0	210	3·6	200	2·2	5·1	19
230	8·1	240	5·5	230	6·5	210	6·5	240	8·1	250	8·6	270	3·9	230	4·4	190	4·4	200	3·5	240	8·0	220	7·0	5·5	20
290	3·1	300	4·1	40	6·0	30	8·6	40	6·4	40	5·3	20	3·5	—	1·5	20	1·6	20	1·6	—	0·5	—	0·4	5·3	21
360	4·1	360	4·0	360	2·7	350	3·3	360	6·2	40	5·0	40	1·8	—	0·1	—	0·0	—	0·2	—	0·3	—	0·2	3·0	22
190	3·7	190	2·5	190	3·5	190	2·4	190	2·3	190	1·8	—	0·8	—	0·2	—	1·0	—	0·6	—	0·0	—	0·7	**1·3**	23
—	1·2	190	4 0	190	9 1	180	7·5	160	5·1	170	5·1	160	4·2	180	9·6	200	11·4	190	11·2	190	9·1	200	7·8	5·1	24
150	4·5	170	4·0	180	4·6	190	4·6	180	5·2	180	6·8	180	5·6	190	9·9	190	8·6	180	7·7	160	3·6	160	3·1	6·3	25
140	7·6	150	5·5	170	6·0	200	6·9	190	4·4	190	5·4	190	3 4	180	3·5	180	5·6	180	5·5	190	7·0	190	6·0	5·8	26
190	5·6	170	4·4	140	4·1	140	4·4	140	5·3	120	5·1	100	3·9	110	3·1	130	2·0	—	0·8	—	0·1	340	2·0	5·5	27
—	1·5	120	2·4	30	3·6	30	3·7	80	3·2	30	3·0	10	3·8	20	3·1	10	2·7	360	3·0	360	1·6	—	1·4	3·2	28
—	1·5	160	3·2	110	2·5	120	4·2	120	4·1	100	3·1	100	2·6	90	3·6	40	1·6	50	2·0	40	2·1	—	1·5	1·8	29
40	6·3	50	5·0	40	5·1	30	5·2	30	5·2	30	4·8	20	3·9	10	2·6	10	2·4	10	2·4	20	2·4	—	1·5	4·2	30
—	5·7	—	5·8	—	**6·2**	—	6·2	—	5·9	—	5·4	—	4·0	—	3·7	—	3·5	—	3·1	—	2·9	—	**2·8**	4·5	—

13.	14.	15.	16.	17.	18.	19.	20	21.	22.	23.	24.	Mean	Day.

† Defective Record.

Direction expressed in degress from North (E = 90°, S = 180°, W = 270°, N = 360°). Speed in metres per second.

185. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	360	2·4	360	2·3	360	2·4	360	1·8	—	0·8	—	0·9	—	1·5	20	1·8	—	1·0	—	0·4	—	1·3	—	1·1
2	—	0·0	—	0·0	—	0·0	—	0·1	—	0·3	—	0·2	—	0·0	—	0·0	—	0·3	—	0·1	—	0·4	—	0·2
3	360	2·2	360	1·8	360	2·8	360	3·1	10	2·5	20	2·9	10	3·5	20	3·4	360	4·0	10	4·5	10	5·4	10	4·5
4	360	5·1	10	4·6	360	3·5	360	3·5	360	3·6	10	4·0	10	3·6	40	4·6	50	4·0	50	3·1	90	2·7	90	2·5
5	—	0·0	—	0·1	—	1·5	—	0·1	—	0·5	240	4·3	240	5·4	240	4·8	250	4·5	270	4·6	290	5·5	290	5·0
6	230	4·0	230	4·0	230	2·9	—	0·1	—	0·1	—	0·0	—	0·0	—	0·0	—	1·5	150	1·6	120	1·6	140	3·5
7	—	3·0	—	0·9	—	0·1	—	0·8	—	0·2	190	1·7	—	0·7	—	1·5	150	2·6	—	1·4	200	4·6	210	4·5
8	†	3·2	†	2·9	—	1·3	—	1·4	340	4·4	340	5·3	340	6·6	330	7·9	330	9·0	350	10·1	350	10·0	350	10·1
9	250	2·0	270	4·0	350	6·1	—	0·3	—	0·6	—	0·1	—	0·3	—	0·6	—	1·2	160	2·5	170	4·0	180	4·1
10	150	4·1	150	5·4	150	5·8	170	8·2	190	11·6	190	12·5	200	11·6	200	9·1	200	6·9	210	5·7	200	4·7	230	4·3
11	200	4·1	200	3·9	200	3·7	200	3·1	200	2·3	200	2·7	220	3·6	220	5·2	230	5·3	250	6·1	260	5·2	240	4·5
12	—	0·2	—	1·0	170	1·8	—	1·3	—	1·5	190	2·0	200	2·8	210	3·7	210	4·0	200	3·3	200	3·3	190	5·6
13	—	0·9	—	1·5	—	0·5	340	1·7	350	3·0	30	3·3	—	0·4	130	2·0	160	3·2	200	8·1	220	7·4	260	5·4
14	—	0·1	—	0·1	—	0·0	—	0·0	—	0·0	—	1·0	150	2·4	150	3·0	150	3·7	140	4·6	140	2·5	140	3·1
15	200	4·1	200	4·0	200	4·2	200	4·0	210	4·6	210	5·4	230	5·8	210	6·3	200	7·0	220	6·9	210	7·3	200	7·3
16	200	5·8	200	4·7	210	4·8	200	3·8	200	4·5	200	4·5	210	7·1	220	7·1	240	5·9	260	6·8	260	8·2	260	9·0
17	250	4·7	240	4·4	240	5·0	240	4·4	240	3·8	240	5·3	230	6·9	230	6·0	220	7·1	200	6·7	200	7·3	210	7·6
18	—	1·0	—	0·9	—	0·3	—	0·1	—	0·0	—	0·0	—	0·0	—	0·5	—	0·5	150	2·1	160	2·6	170	2·2
19	340	2·6	10	3·8	10	3·1	360	3·8	10	2·7	20	4·5	40	6·0	50	5·6	40	7·0	50	7·1	70	7·7	90	6·9
20	40	2·9	30	5·5	40	8·1	20	7·1	20	4·8	30	3·2	40	3·1	60	4·3	60	4·8	90	4·5	80	3·2	70	4·3
21	40	3·8	30	3·1	40	3·3	20	2·9	—	1·4	360	1·7	350	2·1	—	1·3	360	1·7	80	1·8	150	5·3	160	4·4
22	—	0·5	—	0·5	—	0·4	—	0·3	—	0·2	—	1·2	220	6·3	220	8·2	220	7·2	210	7·7	210	8·8	210	9·2
23	220	9·8	210	7·8	200	7·6	210	7·1	210	7·5	200	8·1	210	9·4	210	9·3	210	10·3	210	10·4	210	7·8	210	9·8
24	210	6·4	210	6·6	210	6·4	210	6·0	210	5·6	200	6·8	190	7·9	190	7·8	190	8·1	210	7·5	210	8·0	210	8·1
25	—	1·0	—	0·6	—	0·5	—	0·0	—	0·5	—	1·4	—	1·4	170	2·0	200	1·7	280	2·6	330	2·3	—	0·5
26	†	1·7	—	0·5	—	0·0	—	0·0	—	0·1	—	0·8	230	2·2	240	3·4	270	4·8	260	7·1	260	7·6	260	8·5
27	210	7·6	210	9·5	210	11·4	220	12·5	220	11·0	220	11·8	230	12·2	230	10·9	230	10·6	240	11·0	240	10·6	240	10·1
28	210	6·5	210	6·9	210	6·0	210	5·2	210	5·3	200	4·5	210	6·7	210	6·8	210	7·4	210	8·1	210	6·1	210	7·0
29	330	2·6	330	2·0	330	2·0	330	2·5	330	1·8	360	2·1	360	2·2	40	4·5	50	4·5	60	4·1	40	4·3	50	4·2
30	20	3·3	10	3·6	360	4·5	360	4·0	330	3·0	360	3·1	20	3·4	40	5·0	30	5·0	40	4·9	70	3·4	70	3·3
31	10	2·5	10	2·4	360	2·2	360	2·0	10	2·5	360	2·7	360	2·5	10	3·1	360	3·4	10	3·6	40	4·2	40	2·9
Mean.	—	3·2	—	3·2	—	3·3	—	2·9	—	2·9	—	3·5	—	4·1	—	4·5	—	4·8	—	5·1	—	5·3	—	5·3

186. Eskdalemuir : H_a = 235 metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	30	9·1	20	9·1	20	9·4	20	10·3	†	10·9	†	11·6	†	12·8	†	12·3	20	14·5	10	12·9	10	13·6	10	14·1
2	—	0·3	—	0·1	—	0·1	—	0·8	360	2·0	—	1·5	360	2·4	360	3·8	360	3·4	360	2·4	10	3·0	10	3·1
3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	0·6	—	1·3	220	1·8	200	2·3	190	4·6
4	—	0·2	—	0·1	—	0·8	360	2·1	360	1·6	—	1·5	20	1·6	50	2·0	—	1·5	—	0·9	—	1·1	—	1·4
5	360	1·9	360	2·9	360	2·0	360	1·7	—	1·0	—	0·3	—	0·1	—	0·9	—	0·8	220	2·5	220	3·5	240	4·0
6	—	0·0	—	0·0	—	0·7	180	2·8	190	5·6	210	7·3	200	7·0	210	7·5	220	7·5	220	7·6	220	7·6	210	7·1
7	210	2·3	210	1·6	200	1·8	—	1·5	220	1·7	—	1·3	—	0·6	—	1·5	—	1·4	210	5·5	220	4·6	220	4·0
8	—	0·0	—	0·6	—	1·4	—	0·9	—	0·2	—	0·0	—	0·0	—	0·0	—	1·3	220	4·3	230	2·7	230	4·5
9	270	4·0	—	1·1	250	2·0	300	1·6	—	0·6	—	1·5	270	3·2	280	3·2	290	5·2	280	4·1	270	3·6	210	4·4
10	220	5·9	210	4·6	210	3·0	210	2·2	210	3·5	210	3·5	210	4·9	220	5·9	220	7·6	†	7·8	190	8·0	190	8·6
11	190	8·3	190	7·6	190	6·6	190	5·0	190	4·9	190	6·1	180	5·2	190	5·1	180	4·4	180	4·1	200	4·7	190	4·1
12	360	3·4	360	4·4	360	3·0	360	2·2	—	1·5	360	2·4	360	4·6	360	4·8	360	4·2	†	5·7	10	7·2	20	7·5
13	20	7·2	320	2·5	30	5·2	20	7·3	20	7·4	10	6·6	20	6·1	30	6·6	30	7·9	40	6·5	30	6·0	30	5·9
14	360	2·4	—	1·4	—	0·4	—	0·3	—	0·3	—	0·3	—	0·4	190	3·1	230	4·5	220	5·2	220	4·9	230	5·4
15	210	2·7	220	2·8	210	2·9	210	3·2	210	3·0	210	4·2	210	3·5	230	3·5	220	4·4	210	5·5	210	4·8	210	5·2
16	230	2·1	—	0·8	—	0·5	—	0·1	—	0·1	—	0·0	260	1·6	250	3·0	250	4·1	240	4·7	250	4·8	250	4·9
17	350	2·0	350	1·8	360	2·7	350	2·9	350	3·2	350	3·9	40	4·1	40	5·9	20	4·8	40	5·6	50	6·0	50	7·9
18	10	3·3	40	3·9	30	3·2	10	2·5	—	1·4	70	2·4	140	5·4	180	5·9	170	4·1	170	5·2	160	7·0	150	6·0
19	—	1·5	360	2·0	360	1·8	360	1·6	—	1·4	—	1·3	140	4·0	140	4·7	150	5·7	170	4·9	190	4·6	200	6·0
20	190	2·1	200	3·5	210	3·6	180	1·9	180	2·9	160	2·7	190	4·3	210	5·0	200	6·3	200	5·9	200	6·4	200	7·5
21	—	0·3	—	0·4	—	0·3	—	1·1	—	1·1	160	1·7	150	3·5	150	4·5	150	4·0	150	4·0	150	3·0	170	3·6
22	—	0·1	—	0·3	—	1·0	—	0·9	—	0·4	—	0·2	—	0·2	270	4·0	270	3·5	270	4·0	290	4·2	290	4·1
23	—	0·1	—	0·1	—	0·1	—	0·1	—	0·1	—	0·1	—	0·2	180	3·1	200	3·9	200	5·5	210	6·9	200	7·6
24	220	7·4	240	6·6	240	5·0	260	5·3	270	6·1	260	4·4	270	5·5	270	6·4	280	5·6	280	6·6	280	6·0	280	6·3
25	250	4·6	240	3·2	—	0·2	—	0·1	—	0·1	—	1·5	220	3·0	220	5·5	230	6·1	220	5·9	210	6·4	210	6·3
26	220	7·1	220	6·8	220	7·1	220	7·4	220	7·4	220	4·4	200	4·0	180	4·5	190	7·8	200	10·6	200	10·5	200	10·8
27	220	8·9	230	10·3	240	11·5	260	8·1	280	8·4	290	10·0	290	7·0	290	4·7	290	6·3	280	5·4	280	5·4	280	6·4
28	250	2·7	—	0·6	220	2·0	230	2·9	230	3·4	230	4·9	230	5·6	230	6·5	220	7·0	220	8·7	210	9·0	210	7·8
29	220	7·0	220	7·4	220	9·0	220	9·5	230	11·4	230	13·5	230	15·5	230	15·8	230	14·1	230	12·9	220	11·6	230	11·2
30	230	7·6	240	6·1	260	4·4	290	3·5	310	3·5	310	4·1	310	5·4	320	5·1	310	5·0	310	4·6	310	4·0	300	3·6
Mean.	—	3·5	—	3·1	—	3·1	—	3·0	—	3·2	—	3·4	—	4·1	—	4·9	—	5·3	—	5·7	—	5·8	—	6·1
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

† Defective Record.

Average for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

May, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
—	0·7	200	2·8	130	2·3	110	2·0	—	1·5	180	1·6	—	0·2	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	1·2	1
10	2·3	50	3·4	—	1·5	—	0·4	—	0·7	—	0·6	—	0·5	360	1·8	360	1·9	360	3·3	360	3·0	360	3·0	**0·9**	2
10	4·5	20	4·1	10	4·5	10	4·7	20	4·6	20	5·5	10	7·2	10	6·8	10	7·6	10	6·8	10	4·8	360	5·1	4·4	3
120	1·9	140	3·0	150	2·4	120	1·8	130	3·4	—	0·3	—	0·2	—	1·0	—	0·8	—	0·2	—	0·0	—	0·0	2·6	4
240	3·6	260	3·0	260	4·6	250	5·1	330	3·8	300	3·4	270	4·0	270	2·9	260	4·1	240	3·2	230	2·6	230	3·5	3·3	5
140	3·6	140	3·9	180	4·2	190	4·9	190	3·6	—	0·9	—	0·1	90	5·2	100	5·2	90	5·4	100	5·5	90	4·4	2·7	6
200	5·1	190	5·2	150	4·9	150	2·1	200	3·6	—	0·6	—	0·1	—	0·2	—	0·8	—	1·1	—	0·1	—	0·5	2·0	7
350	11·0	340	12·5	350	10·6	340	8·9	340	9·1	330	7·6	340	9·0	340	11·4	340	10·3	330	7·6	340	3·1	240	1·9	7·3	8
190	5·7	190	6·1	200	6·4	200	7·4	200	7·7	190	6·0	150	4·6	—	0·6	150	3·3	150	3·8	160	4·5	140	4·4	3·5	9
210	3·2	190	4·4	200	5·2	200	7·0	200	7·3	200	6·5	200	6·8	200	5·5	200	5·1	200	3·4	190	4·7	200	4·0	6·4	10
220	5·5	220	7·5	200	8·2	210	7·4	210	7·0	240	6·5	230	2·5	210	3·8	190	2·0	—	0·5	—	0·0	—	0·1	4·3	11
210	6·0	200	5·7	200	6·4	200	6·2	200	6·1	200	6·2	200	3·6	200	2·1	—	0·2	—	0·5	—	0·4	—	0·4	3·1	12
270	5·0	260	5·7	260	5·6	250	5·5	220	6·8	190	7·3	200	5·8	200	4·0	200	2·1	—	0·0	—	0·0	—	0·0	3·6	13
150	2·9	180	4·5	190	6·1	190	6·0	210	6·0	200	5·8	200	6·8	210	8·2	200	6·1	210	6·7	210	5·4	200	4·1	3·6	14
200	7·8	190	8·0	190	8·0	190	9·0	190	9·1	200	8·4	200	7·1	200	4·8	190	6·4	180	6·0	170	5·8	190	6·5	6·4	15
260	9·3	270	10·9	270	10·2	270	10·6	270	9·6	270	9·0	260	8·3	250	5·1	230	3·2	260	3·2	250	3·9	260	3·3	6·7	16
210	7·8	190	6·7	190	5·2	190	5·2	190	4·9	200	4·4	200	4·2	200	2·0	—	0·6	—	0·3	—	0·1	—	0·2	4·7	17
170	2·0	140	2·1	140	1·7	—	1·5	50	6·5	30	4·1	20	3·8	360	3·5	360	3·9	10	2·7	350	2·9	340	2·1	1·9	18
70	8·6	60	8·5	70	8·0	60	7·5	60	7·1	60	7·7	50	4·3	40	3·0	40	3·6	40	4·4	30	4·4	30	3·0	5·4	19
70	4·1	70	5·0	70	6·0	70	6·1	60	6·1	50	6·2	50	7·4	60	5·1	60	4·7	60	5·0	50	3·8	40	4·7	5·0	20
170	4·7	190	5·2	190	3·9	190	3·5	170	3·4	180	5·3	210	5·5	220	3·0	—	0·6	—	0·5	—	0·0	—	0·1	2·9	21
210	9·5	210	8·0	210	9·4	210	9·3	210	10·7	200	12·8	200	11·8	210	11·0	210	11·7	200	12·0	200	10·2	210	10·4	7·2	22
210	10·6	210	7·8	210	8·4	210	9·3	210	10·5	210	9·3	210	6·5	210	6·1	210	6·3	200	6·0	200	6·6	210	7·8	8·4	23
220	7·7	210	8·3	220	9·3	220	10·3	220	9·2	220	7·8	220	6·0	190	3·1	190	2·5	170	3·1	180	2·2	—	0·3	6·6	24
340	2·4	340	2·8	20	2·4	—	0·4	290	5·3	290	5·4	290	4·6	310	3·8	—	1·5	320	1·8	320	1·6	—	1·1	2·0	25
270	7·6	260	7·6	250	7·5	220	7·6	210	8·4	210	7·4	210	5·5	210	4·6	210	3·3	190	3·6	200	5·1	210	5·0	**4·5**	26
230	10·8	230	10·0	230	8·5	210	6·9	210	9·0	210	8·6	210	8·2	210	8·6	210	8·2	210	8·6	210	7·1	200	6·0	**9·5**	27
210	7·2	230	5·2	220	3·6	200	2·6	200	1·8	—	0·1	—	0·1	—	0·0	—	0·0	—	0·1	—	0·5	320	1·6	4·2	28
70	4·2	90	4·8	80	4·0	100	5·4	80	5·8	90	6·5	70	6·0	50	4·5	30	4·6	40	6·0	30	4·8	30	3·5	4·0	29
70	3·9	80	2·0	50	5·4	60	4·5	50	5·0	40	4·5	40	3·8	40	4·2	40	5·1	40	5·2	10	2·4	20	2·3	4·0	30
40	3·8	40	3·7	30	4·1	20	4·5	10	5·0	20	5·4	20	6·0	20	5·5	20	5·4	30	6·2	30	8·3	30	7·9	4·0	31
—	5·6	—	5·7	—	5·8	—	5·6	—	**6·1**	—	5·5	—	4·9	—	4·2	—	3·9	—	3·8	—	3·3	—	3·1	4·4	

June, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
10	11·8	10	13·2	10	10·5	20	8·7	10	7·0	360	5·5	360	5·3	360	2·1	—	1·2	—	1·4	—	0·5	—	0·3	8·8	1
360	3·1	360	2·5	10	2·5	20	2·1	—	1·4	—	1·3	360	2·0	—	0·5	—	1·1	—	0·6	—	0·1	—	0·1	**1·7**	2
200	5·6	210	5·6	200	6·0	200	5·9	200	5·0	190	4·3	170	2·5	—	0·8	—	0·9	—	0·4	—	0·0	—	0·0	2·0	3
—	1·5	140	2·2	140	3·6	120	4·3	130	4·6	140	4·5	70	1·6	—	0·8	—	0·5	—	1·3	360	2·9	—	1·5	1·8	4
230	5·7	230	5·6	230	5·4	240	5·0	250	3·5	240	3·1	230	2·0	—	1·3	—	0·1	—	0·5	—	0·0	—	0·0	2·3	5
220	8·1	210	9·5	220	9·1	210	8·6	210	7·9	210	8·0	210	8·4	220	8·3	220	8·0	220	5·3	230	5·2	220	2·6	6·2	6
210	2·5	200	2·2	190	3·1	—	1·5	—	1·0	—	0·5	—	0·6	—	0·1	160	3·6	220	2·1	—	0·1	—	0·2	1·9	7
260	4·3	280	4·8	270	4·6	270	4·9	270	2·8	270	3·4	270	3·6	270	3·0	270	3·6	270	4·3	270	5·1	270	4·3	2·6	8
210	4·6	210	4·6	220	5·1	230	5·8	240	6·8	230	5·4	220	5·8	210	5·4	210	4·5	210	3·6	210	4·1	220	4·5	3·9	9
190	7·5	180	6·2	190	7·4	190	7·8	190	6·5	190	7·0	190	8·5	190	8·9	190	8·6	190	8·6	190	8·6	190	9·0	6·6	10
—	1·5	—	0·6	—	1·2	—	1·1	—	0·7	—	0·2	—	0·4	20	1·6	360	2·4	—	1·5	—	1·5	360	1·7	3·5	11
20	8·9	20	8·5	10	10·2	10	11·0	10	11·5	20	11·4	20	11·9	10	12·1	20	14·5	20	10·0	20	9·6	20	5·9	7·3	12
20	5·0	30	4·7	20	4·5	30	4·4	30	4·1	30	4·0	40	4·5	40	3·2	10	2·6	360	3·0	360	3·4	360	2·8	5·1	13
230	5·8	210	6·4	230	7·1	230	6·2	220	6·5	230	5·8	220	4·7	210	3·6	210	2·1	180	2·5	—	0·9	210	2·7	3·5	14
210	4·6	220	4·1	220	4·8	220	4·4	210	4·3	210	4·8	210	3·4	210	3·9	210	3·6	200	2·9	210	3·0	210	3·6	3·9	15
240	5·2	230	5·4	220	5·9	240	4·5	260	3·9	270	3·0	270	1·6	270	1·8	—	0·2	—	0·2	—	0·1	—	0·1	2·5	16
50	9·0	50	8·2	90	7·9	90	7·6	90	8·4	70	7·4	50	6·0	40	4·5	40	5·0	30	4·0	10	4·6	360	4·3	5·2	17
170	5·6	180	5·9	170	6·5	170	6·4	180	5·5	210	5·9	200	3·1	200	2·0	—	0·3	—	0·0	—	0·6	—	1·0	3·9	18
210	7·1	200	8·0	200	7·5	210	8·2	210	8·6	210	8·2	220	7·4	220	4·1	—	1·2	210	2·6	—	1·0	—	0·3	4·3	19
200	7·1	200	7·0	200	6·4	200	6·5	200	6·8	210	6·0	220	4·4	220	3·5	190	2·9	—	0·4	—	0·3	—	0·4	4·3	20
190	7·0	200	7·2	200	6·3	200	7·0	200	6·5	200	6·4	200	5·2	190	4·4	190	2·9	200	1·6	—	0·4	—	1·0	3·5	21
290	3·8	250	3·4	250	4·2	260	4·4	270	4·1	270	4·9	280	3·9	—	0·9	—	0·5	270	1·9	—	0·2	—	0·1	2·3	22
200	8·0	200	8·4	190	7·4	200	6·0	200	6·1	200	4·9	200	5·4	220	6·5	220	5·1	210	5·8	220	7·2	220	8·0	4·3	23
270	6·0	280	5·2	270	5·1	260	5·4	250	5·2	220	5·4	210	5·1	230	5·5	200	2·2	190	3·2	200	2·9	230	3·5	5·3	24
210	7·0	220	8·2	220	8·1	220	9·4	220	7·7	220	7·1	210	6·0	200	4·9	210	5·9	220	7·0	220	8·5	230	8·9	5·4	25
200	10·5	200	8·6	210	9·5	210	9·8	210	7·1	210	6·1	210	7·5	210	7·1	210	8·3	210	7·8	210	8·0	220	9·0	7·8	26
290	7·1	280	6·6	280	7·1	290	7·4	290	6·9	290	7·5	290	5·4	280	4·6	280	3·3	280	4·4	280	3·5	290	2·2	6·7	27
210	10·1	220	12·8	230	11·0	220	10·8	220	10·7	230	10·0	220	9·9	220	11·0	220	10·9	220	9·5	220	8·6	220	8·6	7·6	28
230	11·4	220	11·6	220	10·5	220	11·6	220	10·2	220	10·0	220	8·9	220	9·4	220	11·5	230	10·0	220	6·8	220	7·2	**10·8**	29
290	6·5	290	7·5	280	7·4	270	7·0	260	6·5	270	6·1	260	5·4	260	4·5	250	4·2	240	5·6	240	7·6	240	7·9	5·5	30
—	6·4	—	6·5	—	**6·5**	—	6·5	—	5·9	—	5·6	—	5·0	—	4·3	—	4·1	—	3·7	—	3·5	—	3·4	4·7	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°. W = 270°, N = 360°). Speed in metres per second.

187. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	240	6·6	230	6·0	230	3·9	230	3·1	230	3·2	230	3·5	220	4·6	220	5·2	210	5·0	210	6·5	220	7·0	210	6·5
2	140	5·5	150	4·6	140	5·5	140	6·2	140	6·1	150	5·6	170	8·5	180	9·4	180	9·2	190	10·4	190	12·1	190	13·0
3	210	11·1	200	9·5	210	8·8	210	8·7	210	9·0	200	7·2	210	9·4	210	9·2	200	7·4	190	8·5	190	9·2	190	9·5
4	†	8·0	270	7·0	360	6·3	250	7·1	220	6·6	220	8·0	220	8·8	220	8·0	210	9·7	210	9·5	210	9·9	210	10·5
5	190	3·4	210	5·0	220	6·1	220	5·8	220	6·0	210	5·9	210	7·0	210	9·4	210	9·9	210	10·0	210	10·1	210	10·2
6	—	1·2	—	0·3	—	0·3	—	0·6	—	0·5	—	0·2	300	2·6	310	3·6	280	4·5	270	6·6	270	6·2	260	5·9
7	200	7·6	210	9·4	190	6·8	200	8·9	200	7·5	200	8·0	200	7·8	200	9·2	210	10·1	210	8·6	210	8·2	210	10·0
8	240	5·1	240	3·6	—	1·1	220	2·6	220	3·5	230	3·9	220	4·7	230	4·6	200	3·5	220	5·6	220	6·5	200	7·2
9	—	0·1	—	0·1	—	0·5	—	0·2	—	0·2	—	0·1	—	0·1	—	0·1	—	0·3	—	1·4	270	1·8	270	1·6
10	—	0·7	—	0·9	—	0·4	—	0·2	—	0·1	—	0·0	—	1·0	190	3·3	190	5·1	200	7·5	200	8·3	190	8·9
11	200	6·1	200	5·8	190	5·3	180	3·8	190	3·7	190	4·6	190	4·9	190	5·6	200	5·4	190	6·3	190	7·2	200	6·0
12	—	1·5	†	3·0	†	1·9	†	2·7	—	1·5	—	1·1	—	0·3	130	3·4	140	4·7	140	5·9	140	7·0	150	6·1
13	190	6·7	190	6·1	190	5·0	210	5·1	210	4·4	200	4·3	210	7·2	210	7·9	220	9·0	220	9·5	220	8·9	220	7·9
14	210	4·3	230	4·8	240	5·5	230	4·8	240	4·4	240	4·6	230	5·8	230	7·9	220	7·0	220	7·1	210	7·6	210	8·1
15	190	6·0	200	7·6	200	7·2	200	7·6	190	8·9	200	8·5	210	9·0	200	10·2	200	10·0	190	7·7	190	8·4	200	7·2
16	190	3·9	180	4·5	180	5·1	190	5·8	180	4·4	170	7·0	180	7·2	190	6·9	200	6·9	210	8·1	200	7·7	210	7·5
17	210	4·1	220	5·4	210	4·2	220	5·1	220	4·9	220	6·4	220	5·5	210	5·5	210	5·9	210	5·6	200	6·9	210	6·6
18	—	1·1	—	0·8	—	0·8	270	3·4	270	4·9	270	3·0	270	4·1	270	4·5	260	3·4	260	4·6	270	4·2	270	5·2
19	290	3·9	260	4·4	—	1·4	—	0·9	—	0·2	—	0·6	270	1·9	250	2·9	270	3·9	280	3·0	270	3·6	270	4·7
20	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	220	2·1	230	1·9	—	1·5	210	2·9	220	3·0
21	—	0·8	—	1·5	30	3·0	40	4·0	40	4·9	30	4·2	30	3·5	40	3·4	60	3·0	100	2·9	90	3·5	80	3·5
22	10	3·1	20	4·0	10	2·5	10	3·1	10	4·1	10	4·5	20	4·5	20	5·4	20	6·0	50	5·6	50	5·9	50	5·1
23	—	0·2	—	0·1	—	0·1	—	1·4	250	1·8	200	3·5	250	3·4	220	2·1	240	4·7	250	6·2	240	8·8	230	6·4
24	270	4·5	260	4·0	240	3·5	190	1·8	230	5·4	250	5·9	260	7·2	250	7·6	270	7·9	280	5·6	280	5·2	290	6·6
25	280	6·5	280	7·6	280	7·9	290	7·3	280	4·9	280	5·0	280	7·7	280	6·1	290	3·4	280	3·6	280	4·0	280	3·3
26	—	0·4	—	0·8	—	0·8	—	0·3	—	0·1	—	0·1	—	0·0	—	0·5	260	2·2	290	2·1	290	3·3	290	3·4
27	—	1·1	—	0·4	—	0·6	—	0·6	—	0·4	—	0·3	—	0·6	—	0·7	140	2·3	170	3·0	190	3·4	210	3·8
28	—	1·0	30	2·1	40	3·5	60	4·4	60	4·6	60	4·9	70	6·1	70	8·2	70	7·7	80	6·7	70	7·8	70	9·4
29	70	7·3	70	7·8	70	7·0	70	6·4	70	6·6	80	7·4	70	7·0	60	5·5	60	5·8	60	6·4	70	6·1	60	6·0
30	40	2·5	70	2·1	70	1·6	—	1·5	—	0·8	60	1·4	100	1·7	100	1·6	—	0·9	170	3·1	170	2·9	220	1·9
31	230	2·4	230	2·4	240	3·4	240	2·9	240	3·1	230	3·1	230	3·6	230	5·1	230	6·5	240	8·6	220	8·0	230	8·2
Mean ...	—	3·8	—	3·9	—	**3·5**	—	3·7	—	3·8	—	4·0	—	4·7	—	5·3	—	5·6	—	6·1	—	6·5	—	6·5

188. Eskdalemuir : H_a = 235 metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	220	7·2	230	7·6	220	7·1	220	7·2	210	7·5	210	8·2	220	9·1	210	7·6	220	9·9	220	10·1	210	9·6	210	10·4
2	240	3·4	280	2·6	300	2·0	320	2·7	310	4·0	310	4·5	300	4·6	300	4·9	310	4·7	300	7·4	300	8·5	290	7·3
3	270	2·6	360	2·1	†	2·0	†	1·9	†	1·9	†	1·8	220	1·6	190	4·5	200	5·6	220	5·7	220	6·1	210	6·0
4	260	4·1	250	3·4	260	3·6	260	4·0	250	3·1	260	3·1	230	3·9	240	4·6	230	5·4	240	7·1	240	5·4	240	6·1
5	190	6·5	210	8·1	210	7·0	210	6·2	210	5·5	210	7·5	220	8·5	230	10·2	230	10·3	240	10·4	250	12·5	240	11·6
6	250	2·5	200	2·1	220	2·9	200	4·5	210	4·5	200	3·9	210	5·5	200	5·2	220	4·9	230	7·4	240	8·2	250	7·1
7	250	4·4	240	3·0	250	4·1	220	3·5	210	3·3	220	3·2	260	2·9	270	5·6	270	6·4	280	6·0	290	5·9	280	8·4
8	—	0·9	—	0·8	190	1·6	230	0·6	—	1·2	—	1·5	130	2·4	30	1·6	290	2·6	—	1·1	280	1·8	280	3·8
9	—	0·0	—	0·1	—	0·0	—	0·0	—	0·0	—	0·0	—	0·2	—	0·1	200	2·9	200	5·6	210	5·0	220	5·0
10	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	190	2·4	200	5·7	200	6·5	200	6·0
11	190	2·1	180	3·0	180	3·1	190	4·6	190	5·0	180	5·2	180	5·8	190	7·4	190	7·9	190	8·6	190	8·5	190	8·2
12	210	3·6	220	5·6	210	3·1	200	2·6	190	2·4	180	1·6	190	2·8	210	3·5	200	4·0	200	4·4	200	6·4	200	6·4
13	—	0·5	—	0·6	—	0·6	—	0·2	—	0·2	—	0·1	—	0·1	—	0·4	360	2·1	—	0·5	—	0·6	—	0·4
14	—	0·1	—	0·0	—	0·1	190	1·9	190	2·0	180	2·4	180	2·5	180	4·3	180	6·0	180	5·6	200	8·8	200	9·1
15	270	3·0	270	3·2	260	2·0	—	1·1	—	1·4	180	2·4	210	4·3	230	5·5	220	6·1	220	6·7	230	7·1	220	8·0
16	180	5·1	170	4·6	160	3·7	160	4·5	160	4·1	160	3·0	160	3·5	160	4·3	150	5·1	170	5·5	160	5·0	180	3·6
17	—	0·1	—	1·0	—	0·5	—	0·2	—	0·3	—	0·2	—	0·1	—	1·5	140	3·8	100	2·9	110	3·5	110	3·0
18	†	5·0	†	3·9	†	3·0	†	1·5	†	2·0	†	4·7	†	3·9	270	3·7	270	4·0	290	5·6	290	6·5	290	7·9
19	230	3·5	190	1·6	230	3·5	240	2·9	160	2·5	220	3·6	250	4·5	250	4·9	270	6·1	270	6·4	270	6·9	260	6·6
20	220	3·8	220	3·8	210	4·6	200	4·6	220	3·5	220	2·9	220	2·9	230	2·4	270	2·1	†	†	260	4·6	240	6·8
21	230	6·6	220	6·7	220	6·5	230	6·2	230	5·8	230	4·5	240	4·6	250	5·0	250	4·6	240	5·2	230	4·0	240	4·9
22	240	3·5	—	1·5	230	3·0	220	2·8	230	4·1	230	4·2	230	2·9	230	3·8	220	4·0	220	3·9	220	4·0	220	4·5
23	—	1·0	350	2·5	350	2·9	350	3·8	350	5·1	360	5·1	20	6·8	20	5·1	20	7·1	30	5·6	20	4·4	10	3·3
24	310	1·8	330	3·0	330	4·9	330	4·5	320	3·3	300	2·5	330	5·0	310	7·9	320	7·6	320	6·0	310	5·3	300	5·5
25	310	6·5	320	6·0	270	2·5	310	3·0	—	1·0	—	1·1	290	2·8	240	2·5	200	4·0	220	3·5	220	4·9	220	5·9
26	220	2·1	230	3·1	240	3·6	230	2·9	240	4·0	230	4·6	240	5·1	240	5·0	240	6·1	230	7·1	220	6·0	220	6·1
27	270	2·5	270	2·9	—	1·5	—	1·0	—	1·1	170	2·0	210	2·5	210	3·5	210	3·4	280	4·5	290	4·1	280	4·7
28	—	0·5	—	0·4	—	0·4	—	0·4	—	0·4	—	0·4	—	1·3	160	3·0	150	4·4	150	5·0	160	5·0	160	4·6
29	160	2·7	160	2·8	180	4·0	190	5·0	190	3·9	190	3·8	200	3·0	200	4·5	210	5·4	210	5·2	200	6·0	200	5·8
30	—	0·5	—	1·0	—	1·5	190	2·0	—	1·5	—	1·5	—	1·3	—	1·4	170	1·9	—	1·4	—	0·6	—	1·5
31	—	0·1	—	0·1	—	0·3	—	1·5	—	1·1	—	1·0	150	1·6	150	2·4	150	2·5	170	3·5	180	4·0	190	5·0
Mean‡ ...	—	2·8	—	2·8	—	2·7	—	2·8	—	2·7	—	2·9	—	3·5	—	4·1	—	5·0	—	5·5	—	5·7	—	5·9

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

† Defective record.

‡ Mean for 30 days only, omitting 20th.

Average for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

July, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
190	8·1	190	6·5	190	7·0	190	7·9	200	6·6	190	5·1	190	4·1	180	2·5	—	1·2	—	0·4	—	0·0	160	2·9	4·8	1
190	13·3	190	12·7	190	12·8	190	12·6	180	12·5	190	11·9	190	11·9	190	11·7	200	11·4	190	10·2	200	11·1	200	10·9	**9·8**	2
190	8·4	190	6·5	210	3·8	—	0·5	360	2·5	360	5·2	360	7·7	360	6·0	10	7·1	360	8·4	360	10·6	260	10·9	7·7	3
200	10·1	190	8·9	190	9·0	190	8·0	190	9·2	190	9·1	190	7·5	190	7·5	190	4·9	200	1·6	180	4·7	190	3·8	7·8	4
200	9·1	190	10·1	190	8·5	190	8·4	190	9·4	190	6·3	180	4·6	160	2·2	—	0·6	30	3·5	30	3·9	130	2·4	6·6	5
250	7·1	240	8·5	230	7·8	220	9·8	210	9·6	210	9·6	200	6·4	210	8·9	190	7·0	180	8·6	200	9·1	200	7·5	5·4	6
220	10·0	240	9·4	250	8·5	240	8·6	240	7·5	250	7·4	250	7·9	240	6·5	250	5·0	250	4·6	230	3·1	240	4·7	7·8	7
200	7·8	200	7·1	190	7·0	190	6·8	190	6·0	190	5·0	190	4·7	190	1·6	170	1·6	—	1·3	—	0·9	—	0·4	4·3	8
260	1·6	240	2·8	210	4·1	190	5·4	190	5·5	190	5·2	210	4·9	210	2·9	—	1·1	—	1·2	—	0·1	—	0·0	1·7	9
200	10·0	200	8·5	200	8·9	200	9·9	200	8·2	200	8·2	200	7·4	200	8·5	200	8·0	200	6·1	190	6·0	190	6·0	5·4	10
190	6·1	180	6·6	180	6·3	190	5·0	190	3·9	200	3·7	190	1·6	—	0·4	—	0·3	—	0·0	—	0·0	—	0·6	4·2	11
140	5·6	130	5·9	130	7·6	140	5·7	160	9·1	210	8·9	200	9·0	180	7·1	190	7·6	190	9·5	190	8·5	190	7·9	5·3	12
240	8·6	240	6·9	240	8·6	260	6·4	260	6·1	270	4·4	260	6·0	260	4·6	260	2·4	240	2·8	230	4·7	210	3·5	6·2	13
210	9·0	210	8·1	210	8·4	200	6·5	180	6·3	190	4·5	200	7·4	200	8·5	200	9·1	200	9·2	200	6·9	200	5·4	6·7	14
190	7·5	190	7·9	190	6·4	190	6·5	200	7·9	190	5·2	200	4·0	190	3·2	190	4·7	190	3·1	180	3·9	180	3·1	6·8	15
200	7·9	200	8·0	240	6·7	260	5·1	250	4·2	250	4·6	210	4·5	200	3·7	200	2·0	200	4·0	190	4·0	220	5·1	5·6	16
200	6·1	190	5·5	190	6·0	180	5·2	180	2·9	180	2·9	230	3·1	—	1·1	—	0·6	—	0·2	—	1·2	—	0·4	4·3	17
280	5·9	280	7·5	280	8·2	280	8·0	280	9·0	270	6·9	270	5·6	270	3·2	—	1·5	270	2·2	280	5·6	280	5·0	4·4	18
280	5·0	270	4·6	280	4·9	270	5·8	280	5·1	280	4·6	270	2·6	260	3·1	270	3·0	—	1·0	—	0·0	—	0·1	3·1	19
170	4·0	260	3·5	—	1·2	—	0·1	—	0·1	260	2·4	—	1·5	360	3·0	30	1·8	10	1·6	10	2·1	—	0·8	**1·4**	20
60	2·7	50	3·1	70	3·7	50	3·3	20	2·5	20	3·1	20	3·0	20	4·3	20	3·8	30	4·0	20	3·9	360	3·2	3·2	21
50	5·1	40	4·6	30	3·1	30	2·9	50	3·6	50	3·8	40	3·1	—	0·8	—	0·2	—	0·1	—	0·0	—	0·0	3·4	22
220	8·5	210	9·0	210	9·2	210	9·1	240	5·7	260	5·1	270	3·5	280	3·2	270	3·0	260	3·6	260	4·6	260	4·0	4·4	23
280	8·2	280	8·5	290	8·9	290	8·0	290	7·5	280	9·1	280	8·4	280	7·4	270	6·2	280	8·0	280	6·1	270	5·1	6·5	24
280	3·0	280	3·6	280	4·9	270	3·1	260	3·0	260	3·1	260	3·0	310	3·0	350	2·4	350	1·6	—	0·1	—	0·5	4·2	25
300	4·7	310	5·6	320	5·8	330	4·7	300	4·0	310	3·4	290	3·0	290	4·6	290	3·1	260	3·6	250	1·9	—	1·2	2·5	26
210	4·5	200	3·6	210	4·5	220	5·1	220	5·5	220	3·9	210	2·1	—	1·5	—	0·8	—	0·2	—	0·3	—	0·1	2·1	27
70	9·5	60	9·7	60	9·0	60	9·0	60	9·4	50	10·0	50	8·5	40	7·8	50	8·6	50	7·8	50	8·0	60	7·0	7·0	28
60	6·7	70	6·1	60	5·1	60	5·0	70	4·6	60	4·9	70	5·0	60	4·0	60	4·0	60	3·6	60	2·0	20	1·8	5·6	29
—	1·4	220	2·4	230	4·1	220	3·4	210	3·0	230	3·2	270	2·5	230	1·8	240	1·6	—	0·7	230	1·8	220	2·2	2·1	30
230	9·3	220	7·9	210	7·5	210	6·6	200	5·8	210	7·1	210	8·0	210	8·0	230	6·6	220	6·7	210	6·7	210	7·6	5·9	31
—	**6·9**	—	6·8	—	6·7	—	6·2	—	6·0	—	5·7	—	5·2	—	4·6	—	3·9	—	3·9	—	3·9	—	3·7	5·0	—

August, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
200	11·4	200	11·5	210	10·8	210	10·3	210	9·3	210	7·6	210	9·0	210	9·8	210	8·3	220	6·1	220	5·0	220	3·1	**8·6**	1
280	8·0	280	8·0	290	8·6	280	9·0	290	8·4	290	7·1	330	3·6	300	2·4	—	1·3	—	1·5	300	2·8	360	2·9	5·0	2
200	6·7	200	8·0	200	8·3	200	7·6	200	4·9	190	4·3	220	4·1	220	3·5	250	4·1	270	5·1	270	3·5	270	3·9	4·4	3
240	6·8	240	6·6	230	6·9	220	7·6	220	8·0	220	8·4	210	5·8	210	5·3	190	5·2	190	4·5	180	5·3	180	5·2	5·4	4
240	12·3	240	10·5	260	9·6	270	10·0	270	10·6	270	5·0	270	4·1	240	1·9	230	2·4	240	4·4	250	3·3	250	1·4	7·6	5
240	7·4	240	6·7	250	7·1	250	5·2	260	4·8	260	5·6	270	4·5	270	4·0	270	3·9	270	3·7	270	3·1	270	3·6	4·9	6
280	7·9	290	7·9	290	7·0	290	8·6	290	7·2	290	5·8	290	6·3	290	4·5	290	5·5	300	3·9	—	0·5	—	0·6	5·2	7
270	3·3	270	3·6	260	2·5	—	1·4	240	2·5	230	4·0	240	2·2	260	1·9	240	2·1	—	0·6	—	0·3	—	0·1	1·9	8
210	5·6	200	6·0	210	5·6	210	5·2	220	4·9	190	3·4	190	2·6	190	1·7	—	0·9	—	0·3	—	0·3	—	0·3	2·3	9
190	5·2	210	5·6	200	5·5	220	6·0	210	5·5	190	4·5	200	3·9	200	4·1	190	4·1	190	2·0	—	0·5	—	1·1	2·9	10
200	8·1	200	9·2	200	8·0	190	7·5	190	6·7	200	5·1	210	4·1	210	4·4	200	4·0	200	5·2	200	4·5	210	4·9	5·8	11
210	6·5	210	5·8	210	5·5	200	5·4	200	5·0	200	4·0	200	2·1	—	0·3	—	0·1	—	0·1	—	0·6	—	0·4	3·5	12
—	1·5	120	2·5	300	4·5	—	1·5	180	1·6	—	0·3	—	0·1	—	0·5	—	1·0	—	1·0	—	0·6	—	0·2	**0·9**	13
200	6·9	200	6·4	200	5·1	190	4·6	200	6·4	210	6·4	280	5·0	280	5·9	270	4·3	260	3·4	260	2·9	270	3·0	4·2	14
220	8·1	220	8·5	220	7·9	210	8·4	200	7·1	200	6·4	210	6·6	200	2·6	—	1·5	200	2·1	190	2·9	180	3·4	4·8	15
160	3·6	160	3·9	—	1·2	—	1·4	360	3·4	290	2·6	230	4·5	260	4·2	270	2·2	—	0·6	—	0·1	—	0·0	3·4	16
120	5·1	110	6·7	90	5·1	60	6·0	50	7·1	50	6·5	40	6·9	30	6·6	20	6·0	10	5·9	360	5·2	†	5·5	3·6	17
290	8·7	280	9·1	280	9·3	280	9·4	280	8·8	270	7·2	270	5·5	270	5·2	270	4·4	270	5·4	260	5·2	260	3·6	5·6	18
260	5·2	270	4·5	260	5·2	250	5·0	250	5·0	230	5·5	220	6·0	230	6·7	220	5·6	220	5·0	220	4·5	220	3·6	4·8	19
240	6·8	230	7·0	220	7·8	210	7·4	220	8·4	210	7·7	210	7·1	220	6·4	220	5·4	220	5·0	220	6·2	230	6·1	—	20
240	5·1	260	4·0	250	5·5	270	4·2	280	3·5	270	3·2	260	3·5	250	3·6	250	3·5	250	3·5	250	3·9	250	5·0	4·7	21
230	2·0	230	1·7	230	3·1	260	3·2	270	2·1	—	0·0	—	0·0	—	0·3	—	1·5	—	1·5	—	1·0	—	0·5	2·6	22
10	2·8	10	1·8	10	3·0	10	2·1	10	2·4	360	1·9	—	0·2	—	0·3	—	0·6	310	2·8	310	2·1	310	1·7	3·1	23
300	5·8	300	4·9	300	4·9	300	5·1	300	3·8	310	3·1	300	4·1	310	5·0	300	4·4	310	4·9	300	5·6	300	7·7	4·7	24
220	5·6	210	5·4	210	6·0	210	5·8	210	4·3	270	5·6	270	5·1	270	4·6	270	3·0	270	3·8	260	3·5	280	2·1	4·2	25
220	6·6	220	7·0	230	6·0	240	5·3	260	4·9	260	3·1	250	3·6	260	3·8	250	3·2	190	1·6	—	1·3	170	2·6	4·4	26
280	4·6	290	3·8	—	0·8	280	4·1	300	4·0	300	2·9	300	4·6	290	4·4	—	0·6	—	0·3	—	0·2	—	0·4	2·7	27
160	5·4	160	5·2	160	5·5	170	6·0	170	8·6	170	7·2	170	6·5	160	4·0	150	4·5	160	3·0	160	2·3	160	2·8	3·6	28
200	5·3	190	5·5	190	5·0	190	5·4	190	4·6	190	4·9	190	3·6	190	2·5	200	1·9	—	0·9	—	1·4	—	1·0	4·0	29
—	0·9	170	1·6	—	1·1	210	2·9	220	2·0	—	0·8	—	1·1	—	1·0	—	0·4	—	0·2	—	0·2	—	0·2	1·2	30
200	5·2	200	6·2	200	6·0	200	5·6	210	4·1	220	3·9	220	3·0	220	1·8	200	2·5	210	1·8	220	4·8	220	3·8	2·9	31
—	5·9	—	**5·9**	—	5·7	—	5·7	—	5·4	—	4·5	—	4·1	—	3·6	—	3·1	—	2·8	—	2·6	—	**2·5**	4·1	‡

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°). Speed in metres per second.

189. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	220	6·5	220	6·0	220	5·5	220	5·0	220	6·0	230	5·7	230	5·6	220	4·9	250	5·5	240	4·3	250	4·9	260	5·5
2	—	1·1	—	1·1	—	0·9	—	1·1	—	1·0	—	0·6	—	1·0	30	3·0	60	3·5	70	4·0	60	2·6	60	2·5
3	50	2·5	50	2·2	50	1·6	—	1·5	60	3·2	50	4·5	50	4·0	60	4·1	70	4·4	70	4·6	80	5·1	80	5·4
4	40	3·4	40	4·1	30	4·6	40	3·4	50	2·0	50	2·0	40	2·1	40	3·5	50	4·1	60	5·1	70	5·0	80	6·0
5	20	3·8	40	3·5	40	2·5	20	2·5	20	2·1	30	2·7	10	2·6	10	2·6	10	2·9	40	4·7	50	4·5	50	5·1
6	20	3·2	20	2·6	30	2·1	20	3·0	20	1·6	40	2·2	60	2·9	70	2·5	60	2·6	50	3·5	60	4·0	50	4·0
7	20	3·9	20	4·4	10	3·5	10	3·1	10	2·1	20	1·8	20	3·1	50	6·1	40	4·2	30	3·1	40	4·6	40	3·4
8	50	5·1	50	4·9	50	6·5	50	6·6	60	4·9	130	2·0	190	5·8	210	6·1	210	5·9	220	6·2	220	7·0	220	8·0
9	230	7·5	230	5·5	250	3·1	320	2·0	—	1·2	360	2·4	330	4·9	340	7·2	350	9·2	360	9·0	350	7·6	340	8·0
10	330	6·2	320	6·0	310	3·8	290	4·1	300	4·5	290	4·2	280	3·0	270	3·5	270	3·9	290	4·6	290	5·4	270	5·0
11	—	1·1	180	3·8	190	6·7	240	8·6	230	8·1	230	8·0	230	8·7	240	9·5	250	10·3	270	9·1	270	8·5	260	9·9
12	200	4·4	210	9·9	200	11·5	200	9·8	190	7·1	210	10·0	220	11·7	230	12·3	230	11·4	220	8·5	220	9·1	220	10·7
13	210	12·7	210	11·2	210	11·0	220	9·5	220	8·9	220	7·8	220	7·9	230	8·0	230	10·0	220	9·5	220	10·0	220	10·4
14	230	1·9	—	1·1	240	1·7	—	1·1	—	0·4	—	0·4	—	0·4	230	6·0	230	7·5	230	8·3	240	10·4	230	10·5
15	220	4·1	210	4·3	220	4·0	220	4·1	230	5·5	220	6·2	210	5·7	220	6·1	210	6·5	210	8·3	220	7·5	220	10·2
16	240	8·2	230	6·0	230	7·4	230	7·5	220	7·0	220	6·5	230	7·8	230	8·6	240	8·7	240	9·5	230	8·8	220	9·4
17	240	9·5	220	8·5	230	9·5	230	8·2	230	8·5	220	9·3	220	9·0	220	9·8	210	9·9	210	10·2	220	12·0	230	13·1
18	230	11·6	230	11·6	230	10·6	230	8·2	220	8·2	240	11·1	230	12·0	240	11·9	250	11·5	250	14·0	250	15·1	250	15·1
19	—	1·1	—	1·0	—	0·8	—	0·3	—	0·5	—	0·5	200	2·9	190	2·5	200	4·9	230	6·5	230	6·4	220	6·5
20	20	4·0	20	5·3	10	5·6	20	4·5	20	5·1	20	4·5	10	2·5	10	2·7	10	3·3	—	1·5	230	4·1	210	4·5
21	180	8·4	180	8·8	250	10·4	270	8·5	280	16·0	270	13·0	270	12·5	270	11·0	270	11·3	250	11·2	250	11·0	250	10·4
22	—	0·2	—	0·2	—	0·5	—	0·1	—	0·6	—	0·9	—	0·7	—	0·5	—	0·5	270	2·2	280	4·9	260	6·0
23	120	3·6	100	6·0	70	8·2	60	10·9	60	10·6	70	7·1	70	5·5	80	5·8	90	4·7	130	4·2	140	4·2	130	4·3
24	†	1·6	†	3·7	†	4·8	†	5·4	†	3·7	†	2·0	—	1·0	†	3·0	280	3·2	280	2·6	270	5·0	290	4·6
25	—	0·2	—	0·2	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·1	—	0·7	—	1·0	—	0·8
26	30	2·1	50	3·6	40	5·1	50	4·1	50	4·6	30	4·8	40	4·6	30	4·9	30	4·5	40	5·5	60	5·0	60	5·1
27	—	1·4	360	1·8	—	1·1	—	0·3	—	0·0	—	0·1	—	0·0	—	0·0	—	0·0	—	0·1	300	2·0	290	3·5
28	—	0·1	—	0·2	—	0·1	—	0·1	—	0·0	—	0·0	200	2·6	190	4·5	200	6·6	210	8·4	230	10·6	230	11·0
29	210	11·6	220	10·8	210	10·5	220	9·6	210	9·6	210	10·0	200	11·6	200	13·0	200	13·5	200	13·1	190	12·0	180	11·7
30	210	8·5	200	9·9	190	7·6	180	6·6	170	4·6	160	3·0	160	3·6	170	3·0	160	3·8	170	4·5	180	4·5	190	4·5
Mean ...	—	4·7	—	4·9	—	5·1	—	4·7	—	4·6	—	**4·4**	—	4·9	—	5·5	—	5·9	—	6·2	—	6·8	—	7·2

190. Eskdalemuir : H_a = 235 metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·1	—	0·2	—	0·4	—	0·5	—	0·3	—	0·2	—	0·5	—	0·2	—	0·4	210	5·4	230	6·6	220	7·0
2	180	4·8	180	5·0	170	3·0	190	2·9	180	3·1	170	3·7	170	4·2	160	3·4	160	3·1	170	3·5	170	5·1	180	3·5
3	—	1·5	—	1·2	—	0·6	—	1·3	—	0·4	—	0·9	20	2·9	10	3·9	10	3·5	20	3·5	30	6·1	20	5·9
4	—	0·0	—	0·1	—	0·1	—	0·1	—	0·1	—	0·2	—	0·2	170	2·0	200	3·2	220	2·5	230	3·0	210	4·0
5	—	1·0	—	0·3	—	0·5	170	1·9	170	1·6	—	0·2	—	0·3	—	0·3	—	0·2	—	1·5	40	1·6	—	1·5
6	260	5·9	270	8·5	270	9·5	270	9·4	260	9·0	250	9·4	230	7·8	240	9·3	240	9·0	230	10·5	230	10·6	230	8·7
7	230	8·9	240	8·9	240	6·6	250	4·0	270	4·1	260	4·9	260	5·4	230	5·5	230	8·6	250	4·0	240	10·0	240	9·1
8	—	0·8	—	0·7	—	0·6	—	0·5	—	1·0	—	0·8	—	0·5	—	0·0	—	0·0	—	0·5	—	1·0	290	2·4
9	—	0·4	—	0·3	—	0·6	—	0·4	—	0·3	—	0·3	—	0·4	—	0·4	—	1·1	200	4·0	210	5·5	210	5·4
10	210	4·6	220	5·5	210	4·6	200	5·1	230	3·8	220	2·1	270	6·1	280	3·5	230	3·6	210	6·2	220	6·2	220	6·6
11	230	5·0	220	4·1	190	3·0	210	5·8	210	7·2	210	7·5	210	6·1	210	6·2	210	10·4	220	12·6	220	11·0	210	10·7
12	180	7·9	190	10·5	210	10·3	230	9·0	240	7·5	230	6·4	230	6·2	230	8·6	220	7·4	230	8·8	230	7·5	220	6·8
13	340	3·0	330	2·4	330	2·1	330	3·0	330	2·6	330	2·6	330	1·6	330	3·1	360	2·7	30	1·9	20	1·8	50	2·4
14	—	0·1	—	1·1	—	1·5	—	1·4	—	0·6	—	0·2	—	0·1	—	0·1	—	0·1	—	0·6	—	1·3	—	1·5
15	320	1·7	320	2·2	—	1·5	330	2·1	330	1·6	—	1·4	—	0·5	—	0·2	—	0·2	—	1·0	170	2·4	160	3·5
16	—	0·1	—	0·1	—	0·2	—	0·3	—	0·6	—	1·5	—	1·0	—	1·4	—	1·2	160	1·9	190	2·7	180	2·4
17	240	2·0	—	1·3	—	1·1	—	1·0	—	1·5	270	1·8	240	3·1	150	1·6	260	5·2	290	4·5	—	1·5	270	2·6
18	—	0·0	—	0·1	—	1·0	—	0·1	—	0·1	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0
19	170	5·7	160	4·5	150	3·9	160	3·6	160	3·5	150	2·8	160	2·5	170	2·4	160	2·4	200	4·3	210	5·5	210	5·7
20	250	5·4	240	5·0	240	4·3	230	4·9	240	4·4	240	3·3	240	1·7	—	1·5	260	4·0	270	6·4	280	3·5	290	4·2
21	360	2·9	360	3·4	360	3·2	360	2·9	360	3·4	10	3·5	10	3·1	10	3·5	10	3·7	30	7·0	50	8·5	40	8·0
22	10	5·9	10	3·7	20	2·6	†	4·6	†	3·6	—	0·3	—	1·2	—	0·8	†	2·9	40	1·8	60	2·0	80	1·6
23	—	0·1	—	0·0	—	0·1	—	0·1	—	0·0	—	0·0	—	0·1	—	0·1	—	0·2	200	1·7	170	1·6	170	2·8
24	—	0·7	—	0·2	—	0·2	—	0·2	—	0·5	—	0·4	—	1·4	—	1·2	150	2·0	140	3·6	130	3·4	130	5·0
25	80	2·1	100	5·8	100	5·6	110	6·2	110	5·5	90	3·4	30	3·1	60	2·9	40	2·4	90	2·3	110	3·1	—	1·1
26	—	0·2	—	1·1	—	1·0	—	1·0	—	0·6	—	1·0	—	1·2	—	0·6	—	0·9	20	1·9	40	3·4	50	4·0
27	10	6·6	10	6·1	360	5·7	350	4·5	350	3·6	340	3·1	340	3·5	350	4·0	360	3·5	360	3·5	360	3·1	360	2·9
28	—	1·0	—	0·2	—	0·1	—	0·1	—	0·0	—	0·0	—	0·1	—	0·1	—	0·0	—	0·1	—	0·0	—	0·2
29	—	0·0	—	0·1	—	0·1	—	0·1	160	2·6	150	2·6	140	2·5	160	2·0	160	4·0	190	9·0	190	10·0	180	10·5
30	220	3·1	230	3·9	210	4·6	210	4·3	200	3·9	190	4·4	180	4·1	160	3·6	150	5·0	160	5·6	210	3·6	160	2·2
31	210	4·6	220	5·9	220	7·0	220	6·1	210	7·4	210	8·0	210	8·6	220	8·1	220	6·0	220	7·4	220	7·4	220	7·9
Mean ...	—	2·8	—	3·0	—	2·8	—	2·8	—	2·7	—	**2·5**	—	2·6	—	2·6	—	3·1	—	4·1	—	4·5	—	4·5

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

September, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
260	5·8	270	4·5	270	4·0	260	5·0	270	5·0	270	5·1	260	3·0	230	2·3	260	4·4	260	4·6	280	5·7	—	1·5	4·9	1
60	2·4	50	3·0	70	3·5	70	4·1	80	3·5	70	2·6	—	1·0	—	1·1	50	1·6	50	1·7	50	3·7	50	2·8	2·2	2
80	6·8	80	6·5	80	6·0	70	6·1	70	5·0	70	4·1	50	3·5	50	3·4	10	2·6	10	2·1	30	2·1	40	2·5	3·9	3
100	6·6	80	7·0	80	6·2	90	5·4	90	5·0	80	3·5	40	2·5	50	3·6	50	2·6	50	2·4	50	3·0	50	4·1	4·0	4
50	5·6	60	4·8	70	5·4	70	3·8	60	1·8	30	3·0	50	3·6	40	3·4	30	3·4	30	3·0	20	3·0	20	2·8	3·5	5
60	4·0	50	4·1	60	4·9	60	4·6	70	3·8	60	2·5	—	1·1	—	1·4	20	1·6	20	2·1	10	3·4	20	3·5	3·0	6
30	4·2	30	4·8	40	5·0	40	4·5	30	4·2	30	4·5	40	5·5	30	5·0	30	4·1	20	4·0	30	5·0	40	5·4	4·1	7
200	9·6	200	9·9	200	9·1	200	10·0	200	8·4	200	8·8	200	8·5	210	10·1	210	9·0	220	8·0	220	9·1	220	8·9	7·3	8
340	9·5	330	9·5	330	10·1	330	10·1	340	10·0	330	10·2	340	8·6	330	5·8	330	6·0	340	4·5	330	4·5	330	5·5	6·8	9
270	5·0	260	5·9	270	5·8	270	4·5	250	5·0	240	4·6	230	4·0	220	3·0	—	1·5	180	2·2	180	3·9	180	2·5	4·3	10
250	9·1	250	7·5	240	7·9	250	9·1	240	8·5	250	7·8	240	4·6	210	3·0	210	2·5	180	3·0	190	3·8	210	5·5	6·8	11
220	10·5	210	10·0	210	11·0	210	10·6	210	11·0	210	11·5	210	11·1	210	12·2	210	13·0	210	13·5	210	12·5	210	13·6	**10·5**	12
220	10·5	210	9·7	220	10·1	220	9·0	210	8·1	210	8·1	220	9·0	230	8·5	230	5·6	230	6·0	250	2·0	230	2·5	8·8	13
230	10·5	230	10·5	230	10·4	230	11·1	230	11·2	240	9·4	260	7·4	240	5·7	230	3·7	220	3·5	190	4·3	200	3·1	5·8	14
210	9·5	220	10·5	210	12·0	210	14·5	210	13·3	220	12·8	220	13·8	230	12·5	240	9·9	240	9·4	240	8·5	240	7·3	8·5	15
220	10·2	220	12·2	220	10·1	220	9·7	220	9·5	230	9·5	230	9·0	230	11·8	230	10·9	230	12·0	230	12·7	240	12·0	9·3	16
230	12·8	240	9·9	230	8·5	240	10·5	230	9·3	210	5·4	210	8·7	220	10·1	220	12·1	230	12·3	230	13·0	230	13·5	10·1	17
260	15·0	260	16·1	270	13·1	270	10·2	270	6·5	270	3·5	220	3·7	230	2·7	220	2·5	230	3·0	250	3·6	250	3·6	9·6	18
220	6·5	210	4·7	210	6·5	210	7·0	210	4·9	210	2·2	—	0·8	—	0·1	—	0·1	—	0·1	—	1·0	60	3·0	3·0	19
200	3·0	210	5·1	210	4·8	210	3·6	210	1·6	150	2·3	90	3·8	100	6·2	120	8·4	140	7·5	190	11·5	190	9·7	4·7	20
250	11·0	230	11·5	240	7·9	230	6·5	250	6·0	230	6·0	220	7·5	230	8·2	230	5·1	200	1·7	—	0·4	—	0·4	8·7	21
240	5·5	250	5·7	250	6·7	270	5·4	260	3·3	250	3·3	—	0·7	—	0·2	—	0·3	—	0·5	—	0·2	—	0·3	2·1	22
150	3·7	160	4·8	—	0·3	130	3·2	130	1·6	—	0·2	—	0·0	—	0·0	—	0·0	—	0·1	—	1·1	†	2·5	3·8	23
280	4·2	260	4·4	260	6·1	250	6·7	260	3·8	260	3·1	—	1·2	—	0·3	—	0·1	—	0·0	—	0·1	—	0·1	3·0	24
—	0·5	—	0·2	—	1·3	120	3·5	70	2·4	70	2·8	40	3·6	50	2·6	40	2·5	40	1·7	30	3·2	30	2·5	**1·2**	25
60	5·2	50	4·7	30	4·8	40	3·7	40	3·1	40	2·0	—	1·3	350	2·1	—	1·2	—	1·4	—	0·9	—	1·3	3·6	26
290	2·9	290	3·5	290	3·1	300	4·0	300	2·6	290	2·5	290	2·6	—	1·0	—	0·0	—	0·0	—	0·0	—	0·1	1·4	27
220	12·0	220	10·9	210	11·4	210	11·0	200	11·0	200	11·0	200	11·6	210	12·5	210	12·5	210	12·6	210	11·5	210	11·1	7·4	28
180	10·3	180	10·9	180	10·6	180	10·0	180	7·1	170	8·0	160	7·0	160	7·4	160	7·0	200	10·5	230	10·6	210	6·6	10·2	29
210	2·7	280	4·6	310	4·5	—	0·8	—	0·5	—	0·2	320	3·5	310	5·6	310	4·8	—	1·5	—	1·2	—	0·1	4·1	30
—	7·2	—	**7·3**	—	7·0	—	6·9	—	5·9	—	5·3	—	5·1	—	5·1	—	4·6	—	4·5	—	4·9	—	4·6	5·5	

October, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
220	6·9	210	7·5	220	8·0	200	6·8	200	6·2	200	3·4	190	2·5	160	2·8	170	3·6	190	4·0	180	3·4	200	4·2	3·3	1
180	4·1	180	3·5	170	2·8	170	2·3	170	2·0	—	0·8	—	0·4	—	0·2	—	0·1	—	0·1	—	0·1	—	0·6	2·7	2
20	6·4	20	6·0	30	5·1	30	3·3	20	2·9	10	3·1	360	2·9	360	2·5	—	1·5	—	0·9	—	0·3	—	0·1	2·8	3
200	4·4	200	4·2	190	3·5	190	2·4	—	0·2	—	1·1	—	0·8	—	0·9	—	0·9	—	1·2	—	1·1	—	0·7	1·5	4
—	1·4	—	1·0	—	0·1	—	0·3	320	2·3	340	2·8	—	1·5	290	4·5	290	5·1	290	6·1	280	6·4	260	5·1	1·9	5
210	8·4	210	6·0	190	5·5	160	4·6	150	6·4	170	6·6	220	6·9	230	10·0	230	9·5	230	8·9	230	8·0	230	8·6	**8·1**	6
240	9·9	240	9·6	240	9·0	240	6·6	240	3·5	240	2·4	—	1·5	—	1·0	—	0·8	—	0·5	—	1·3	—	0·8	5·5	7
300	3·3	290	3·5	290	3·9	280	2·6	280	2·5	270	2·5	290	3·0	—	1·1	—	1·0	—	0·7	—	0·5	—	0·5	1·4	8
210	8·0	210	7·2	200	6·7	180	3·7	180	3·6	170	4·0	180	6·0	180	4·5	220	4·4	230	5·5	230	6·0	230	5·9	3·4	9
220	7·3	230	6·5	210	3·8	200	2·1	—	1·1	—	1·1	—	1·5	170	3·0	170	3·5	180	3·0	220	5·8	240	6·5	4·4	10
210	11·2	200	11·0	200	10·8	210	10·8	210	10·2	200	8·0	190	7·7	190	6·0	180	5·1	180	5·0	180	4·9	180	7·0	7·8	11
220	6·4	200	6·5	200	5·4	200	3·1	—	1·5	—	1·1	—	1·1	—	1·0	—	1·4	350	1·9	340	2·0	340	2·5	5·5	12
—	1·5	—	1·5	70	2·5	60	2·6	40	1·9	360	3·0	360	3·8	360	2·8	360	3·5	360	2·7	—	1·0	—	0·1	2·4	13
150	1·9	140	2·1	—	1·5	—	1·2	—	0·9	—	0·8	—	0·2	—	0·6	—	0·1	—	1·4	—	0·8	310	1·6	0·9	14
140	3·1	150	3·0	150	3·1	160	2·6	—	0·5	—	0·1	—	0·2	—	0·1	—	0·1	—	0·2	—	0·2	—	0·1	1·3	15
170	5·0	200	6·6	210	7·0	200	6·2	190	6·9	200	7·5	200	6·4	250	4·0	260	3·0	260	3·8	260	4·5	240	2·7	3·2	16
310	3·0	290	2·4	270	2·9	260	2·9	280	3·1	280	2·4	—	0·8	—	1·5	300	1·9	—	0·5	—	0·1	—	0·1	2·1	17
—	0·3	—	1·1	—	0·8	—	1·5	160	2·0	—	1·2	—	1·0	—	0·6	150	2·5	150	3·1	150	4·5	160	6·1	1·0	18
210	6·0	220	5·4	220	5·4	230	4·4	240	2·8	260	3·2	250	4·1	220	4·3	210	1·9	210	3·8	230	4·0	250	4·5	4·1	19
310	2·2	360	2·0	—	1·0	360	1·9	10	2·9	30	3·0	20	3·8	10	4·0	10	2·8	360	3·6	360	3·3	360	2·5	3·4	20
40	8·2	30	6·6	40	6·6	40	6·2	20	3·9	20	4·4	20	5·2	20	5·1	20	6·4	20	6·6	20	6·1	10	6·1	5·1	21
—	1·4	—	1·0	—	0·2	—	0·2	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	1·5	22
190	3·5	190	4·1	190	4·0	190	3·0	190	3·5	210	5·2	210	4·5	—	1·0	—	0·1	—	0·4	—	0·1	—	0·1	1·5	23
120	6·0	120	6·1	100	4·6	100	4·6	80	4·7	100	4·5	100	2·1	70	3·8	90	2·7	—	0·8	—	0·9	—	1·5	2·5	24
100	3·0	—	1·5	—	0·6	110	2·1	—	0·5	—	0·3	—	0·1	—	0·4	—	1·1	—	0·5	—	0·6	—	0·2	2·3	25
60	3·1	50	3·4	40	3·4	30	4·5	20	4·3	20	3·6	20	4·5	20	6·0	20	5·7	10	7·1	10	7·0	10	7·2	3·1	26
360	2·9	20	2·9	20	1·7	20	2·4	—	1·5	20	2·9	20	2·9	30	3·1	—	1·5	360	2·0	—	1·4	—	0·5	3·3	27
—	0·3	—	0·0	—	0·0	—	0·0	—	0·1	—	0·1	—	0·2	—	0·4	—	0·4	—	0·0	—	0·0	—	0·0	**0·2**	28
180	10·1	170	7·9	160	6·4	160	5·5	170	6·3	190	8·9	200	7·6	220	6·1	220	5·1	230	4·4	220	4·4	220	3·2	4·9	29
—	1·4	200	5·1	200	5·4	230	4·4	240	3·8	240	4·6	250	5·0	250	3·6	250	5·1	230	4·0	210	3·4	210	3·8	4·1	30
220	8·2	230	11·4	220	10·4	220	9·4	220	8·7	230	9·8	220	7·0	220	8·4	230	8·3	230	9·9	230	9·8	220	8·3	8·0	31
—	**4·8**	—	4·7	—	4·3	—	3·7	—	3·3	—	3·3	—	3·1	—	3·0	—	2·9	—	3·0	—	3·0	—	2·9	3·3	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

† Defective record.

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$). Speed in metres per second.

191. Eskdalemuir : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s	°	m/s	°	m/s	°	m/s	°	m/s	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	220	8·4	230	11·8	220	9·8	220	8·9	250	9·6	260	10·2	270	9·0	180	2·5	140	1·8	210	4·1	210	4·5	210	4·6
2	210	6·9	210	8·0	210	8·0	210	8·6	210	9·9	210	9·0	210	9·9	210	8·5	210	9·4	210	10·6	220	9·4	210	5·6
3	320	5·2	—	1·1	—	1·4	280	1·8	—	0·1	—	0·3	270	3·5	290	3·1	300	4·0	300	5·5	320	5·4	340	6·9
4	—	1·0	—	1·4	300	2·1	300	2·0	—	0·6	—	1·4	—	1·3	—	0·6	—	0·5	—	1·1	160	3·5	160	5·0
5	210	5·0	230	6·1	240	6·6	240	6·4	250	5·1	280	6·6	280	4·3	270	7·5	290	8·6	290	5·5	300	4·7	320	4·8
6	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·4	—	0·5	—	0·5	—	1·1	360	2·1	40	4·3
7	—	0·3	—	0·6	—	0·4	—	1·1	—	0·5	—	1·2	—	1·5	20	2·1	—	1·5	40	2·1	40	4·0	40	3·7
8	60	2·4	70	2·5	70	3·0	70	2·7	80	2·5	90	3·0	90	2·2	90	2·5	100	3·9	100	3·6	100	4·1	100	4·5
9	50	4·2	30	4·5	50	4·9	70	3·7	70	2·6	80	2·8	—	1·5	70	2·9	70	3·0	100	4·7	90	4·3	60	3·5
10	350	1·6	350	3·0	340	2·5	340	3·5	340	2·8	340	3·0	340	1·9	360	1·6	20	3·6	10	4·0	10	3·2	20	3·9
11	—	0·4	—	0·9	—	0·4	—	0·6	—	1·0	—	1·1	160	3·9	150	3·8	140	3·4	140	3·6	140	3·5	140	3·5
12	—	0·1	—	1·0	—	0·5	—	1·4	360	2·5	310	3·3	—	0·5	—	0·4	—	0·4	—	0·1	350	2·8	340	4·1
13	330	2·9	—	0·6	—	1·2	—	0·6	—	1·2	320	1·9	340	2·6	—	0·9	—	0·2	—	0·1	—	0·0	—	0·1
14	—	1·5	320	2·1	330	3·0	—	1·5	—	1·4	—	1·5	—	0·7	—	0·4	—	1·1	130	3·1	110	3·4	130	2·2
15	120	3·6	120	3·5	120	3·6	—	0·9	—	1·5	60	3·0	30	2·1	—	0·8	—	0·9	—	0·5	130	3·4	130	4·9
16	—	0·2	—	0·2	—	0·2	—	0·2	—	0·2	—	0·2	—	0·1	—	0·2	—	0·1	—	0·0	—	0·0	—	0·0
17	—	0·0	—	0·1	—	0·0	—	0·0	—	0·2	—	0·2	210	3·0	220	4·8	210	4·4	220	3·1	210	3·0	190	3·1
18	220	3·5	240	3·5	240	3·7	210	2·9	200	4·1	210	3·1	180	2·8	200	3·1	180	3·1	—	1·3	260	3·1	300	4·2
19	—	0·1	—	1·5	110	1·9	—	1·3	—	1·5	320	2·5	340	2·6	170	1·8	—	1·5	—	1·5	300	5·5	230	2·1
20	290	8·2	280	7·7	270	5·4	280	6·0	270	5·1	270	3·4	230	4·0	170	2·2	150	3·2	180	3·4	210	4·0	220	5·0
21	210	5·2	210	7·1	210	5·4	210	5·9	200	5·0	200	4·3	210	7·4	210	7·9	210	10·6	210	10·0	220	12·0	220	14·4
22	220	12·8	220	15·4	230	18·0	240	19·4	240	17·9	240	15·1	230	11·9	220	11·7	220	11·8	220	10·6	210	9·9	220	10·3
23	270	2·0	—	0·7	—	0·6	190	1·6	170	2·0	—	1·4	190	2·6	200	3·1	200	7·4	210	11·7	220	12·6	230	13·4
24	200	11·7	200	11·1	190	10·9	200	10·4	200	10·7	200	10·3	200	10·3	200	10·6	200	11·1	190	11·5	190	12·5	200	11·1
25	170	3·6	160	2·5	170	2·1	160	3·1	160	3·1	150	3·2	150	3·0	150	2·2	150	3·1	150	2·9	150	3·0	150	1·9
26	110	4·1	90	4·8	120	4·4	130	5·0	130	5·5	150	5·6	150	4·9	150	4·8	140	3·5	150	3·8	150	3·5	130	2·6
27	90	7·1	90	7·1	110	6·9	120	7·3	110	6·2	90	5·1	100	5·9	100	5·9	90	3·7	40	1·9	—	0·0	—	1·4
28	220	9·0	220	8·0	210	6·3	220	6·4	220	6·2	210	4·4	200	3·5	200	3·4	200	2·7	180	2·5	190	2·6	160	3·7
29	100	4·9	110	6·4	100	8·2	110	8·5	120	7·6	130	5·7	150	5·1	160	4·0	170	3·0	190	4·7	190	4·9	170	5·0
30	160	4·5	160	4·5	170	2·1	160	3·4	160	3·4	160	3·5	160	1·9	150	4·4	150	4·5	150	4·5	150	4·9	140	4·0
Mean ...	—	4·0	—	4·3	—	4·1	—	4·2	—	4·0	—	3·9	—	3·8	—	3·6	—	3·9	—	4·1	—	4·7	—	**4·8**

192. Eskdalemuir : $H_a = 235$ metres + 15 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	180	6·1	180	7·3	180	2·6	170	2·4	170	2·6	160	2·1	150	2·5	150	3·4	150	3·1	160	3·0	160	3·6	160	3·1
2	—	0·2	—	0·1	—	0·0	—	0·1	—	0·4	—	0·6	—	0·5	—	0·6	50	1·6	70	3·2	80	3·5	60	2·6
3	10	4·4	20	5·0	20	5·0	10	6·0	360	5·7	360	5·6	360	5·0	350	4·6	350	5·3	360	4·9	360	3·6	360	3·0
4	—	0·1	—	0·6	140	2·0	130	2·7	130	4·3	140	2·9	140	3·9	140	4·8	140	5·5	150	7·1	160	7·2	160	6·0
5	—	0·6	250	2·0	240	3·1	—	1·1	—	0·7	—	1·4	220	7·0	210	9·0	220	11·2	210	8·6	210	8·9	210	11·1
6	230	9·5	270	10·2	270	9·1	270	7·4	260	7·4	260	7·9	260	8·2	250	7·3	240	7·1	240	7·0	210	4·2	230	6·6
7	200	9·5	200	9·4	210	8·0	210	8·2	210	10·5	200	8·8	190	9·0	190	9·6	190	10·5	190	10·9	190	12·0	180	10·4
8	200	10·5	200	10·2	200	10·9	210	9·4	210	8·0	220	5·0	220	2·0	—	0·5	—	0·2	—	0·0	—	0·1	—	0·9
9	190	5·1	180	6·0	180	5·1	190	6·9	200	5·5	200	6·0	220	4·0	220	2·6	190	1·5	180	1·9	160	1·9	190	2·5
10	180	2·1	—	1·2	200	4·7	190	2·1	—	0·2	—	0·6	180	2·1	190	4·0	200	3·8	200	4·2	200	4·9	210	6·8
11	—	0·3	—	0·6	230	2·4	230	2·3	—	0·9	—	0·6	—	0·9	190	1·6	210	3·5	210	4·2	230	4·1	230	3·2
12	190	7·4	190	6·4	190	5·3	200	5·0	190	4·4	190	6·0	190	5·3	190	5·4	190	9·0	200	10·0	200	9·1	190	6·4
13	190	11·2	190	12·6	190	13·1	190	13·4	180	13·5	180	12·0	180	13·0	180	13·4	190	14·0	200	14·5	190	14·0	180	13·0
14	220	4·8	200	3·0	210	2·6	200	2·6	220	4·7	230	6·1	230	4·6	220	4·4	230	5·8	210	5·2	220	5·4	220	5·8
15	—	0·1	—	0·2	—	0·1	—	0·1	—	0·2	—	0·2	—	0·2	—	1·4	130	3·0	130	3·5	130	4·6	110	5·0
16	—	1·4	—	0·5	—	0·3	—	0·4	—	0·3	—	0·4	250	2·5	270	2·8	—	1·3	300	1·9	—	1·4	280	3·9
17	—	0·0	—	0·1	—	0·4	170	2·0	180	3·0	210	8·4	200	7·4	210	7·6	190	5·5	210	10·6	200	9·6	170	4·2
18	220	10·4	220	11·9	210	10·3	200	10·7	200	11·2	200	10·7	200	10·9	200	11·8	200	12·8	210	14·5	210	15·2	200	15·5
19	200	11·8	210	13·2	200	12·3	200	11·5	210	12·0	220	11·4	220	10·3	220	10·0	230	15·1	240	16·5	240	15·0	240	9·5
20	210	10·0	220	10·0	220	8·9	220	9·1	220	9·5	220	11·0	220	8·0	200	5·5	190	6·1	210	6·1	210	8·6	220	8·5
21	200	7·9	200	7·5	200	7·1	200	6·3	200	6·5	190	4·8	190	6·5	190	5·8	190	6·2	180	5·4	180	4·9	180	4·9
22	150	3·3	150	2·6	150	2·4	160	2·5	—	1·2	170	3·4	180	2·0	160	3·0	150	2·0	170	4·8	170	4·8	170	4·6
23	180	10·1	170	9·1	160	9·4	160	11·5	160	10·3	180	18·5	180	18·4	180	19·3	180	19·0	210	15·4	220	14·0	210	12·5
24	190	4·9	190	4·4	180	3·6	190	6·0	190	3·5	—	0·5	200	2·1	210	1·6	—	1·5	200	5·6	200	6·1	200	5·9
25	180	9·2	180	9·1	220	11·6	220	9·0	220	9·9	220	9·2	210	5·5	200	4·1	210	4·3	200	2·9	190	1·6	—	1·1
26	†	6·4	†	6·0	130	4·6	150	5·6	150	5·3	150	4·8	160	7·0	150	6·0	150	6·6	150	5·4	180	6·8	210	9·2
27	180	18·1	180	19·0	180	17·9	180	17·2	180	17·2	180	18·4	180	19·1	190	17·2	200	15·8	230	14·6	240	7·7	230	6·6
28	210	6·2	210	5·2	210	5·5	210	6·9	210	6·1	210	4·6	200	2·9	200	3·8	210	6·0	230	7·2	240	11·0	230	10·0
29	240	13·3	240	12·7	240	10·7	230	7·8	230	8·6	240	10·1	230	9·4	230	8·9	210	5·6	210	8·1	210	8·4	220	10·6
30	200	18·1	230	14·4	260	10·5	250	8·1	210	5·2	210	5·0	200	3·8	210	5·9	220	6·6	230	6·8	230	7·0	240	7·5
31	200	6·6	200	5·4	190	2·4	180	3·5	160	5·5	160	7·5	200	9·4	220	8·6	210	7·5	220	6·7	220	6·9	220	8·0
Mean ...	—	6·8	—	6·6	—	6·2	—	6·1	—	**5·9**	—	6·3	—	6·2	—	6·3	—	6·7	—	**7·1**	—	7·0	—	6·7
Annual Mean.	—	4·0	—	4·1	—	4·0	—	3·9	—	4·0	—	4·1	—	4·4	—	4·7	—	5·1	—	5·6	—	5·8	—	5·9

† Defective record.

Averages for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 235 metres + 15 metres.

November, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s	°	m/s	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
190	4·1	180	4·5	180	4·2	150	2·2	130	4·2	150	5·6	150	5·5	170	4·0	220	6·2	220	7·9	230	9·0	220	8·6	6·3	1
230	4·6	240	3·1	—	1·5	360	4·4	360	5·0	360	2·2	—	0·3	340	2·9	320	4·6	330	3·4	320	5·2	320	4·8	6·2	2
330	4·7	310	6·8	320	5·0	330	2·0	340	1·8	330	3·4	330	3·8	330	2·0	—	1·2	330	2·0	—	1·1	—	0·9	3·1	3
190	5·2	200	5·4	210	4·6	210	4·3	210	3·8	190	2·8	190	4·0	210	5·4	220	6·5	220	8·0	160	6·3	150	5·2	3·3	4
330	3·0	330	2·7	320	2·7	330	1·6	330	2·1	—	0·8	—	0·2	—	0·0	—	0·0	—	0·1	—	0·0	—	0·0	3·6	5
40	2·6	70	2·3	50	2·1	—	1·5	—	1·0	—	0·6	—	0·1	—	0·5	—	0·9	—	0·5	—	0·4	—	0·4	0·9	6
40	3·6	50	3·2	50	3·1	40	3·0	40	1·8	40	2·4	40	2·4	30	1·7	50	2·6	50	3·5	40	2·8	50	2·4	2·1	7
100	4·9	110	4·4	100	4·3	90	3·9	100	4·1	70	2·0	50	1·8	60	1·6	70	2·1	80	4·4	80	5·1	70	3·5	3·3	8
70	3·4	100	5·0	90	4·8	90	4·3	90	2·5	—	1·0	—	0·5	—	0·5	—	0·7	—	1·5	—	1·4	340	1·9	3·0	9
40	4·2	100	4·1	130	4·2	140	4·8	150	3·9	—	1·4	—	0·6	—	1·1	—	0·2	—	0·8	—	0·6	—	1·0	2·6	10
140	2·5	—	1·5	170	1·6	200	2·9	230	3·6	—	0·5	210	2·2	—	0·2	—	0·2	—	0·7	—	0·1	—	0·0	1·8	11
350	5·0	360	4·0	360	2·9	360	3·1	360	3·6	340	1·8	—	0·6	310	2·0	340	2·5	340	3·9	360	3·8	350	3·8	2·2	12
—	1·4	180	2·4	210	1·9	—	1·1	—	1·1	—	0·9	—	0·8	—	1·0	—	1·4	330	3·0	—	1·4	340	1·6	1·3	13
140	3·4	130	3·1	120	2·8	120	3·4	—	1·0	—	1·5	120	3·6	110	3·0	120	3·0	130	2·4	120	4·0	120	3·9	2·3	14
110	4·0	120	3·0	—	0·9	—	0·6	—	0·1	—	0·4	—	1·0	—	1·1	—	0·9	—	0·2	—	0·1	—	0·1	1·8	15
—	0·3	—	0·3	—	0·1	—	0·2	—	0·4	—	0·3	—	0·1	—	0·0	—	0·1	—	0·1	—	0·0	—	0·0	**0·1**	16
190	2·4	190	2·7	180	1·9	190	2·5	180	2·9	190	1·9	—	1·3	—	1·2	—	0·6	—	1·5	—	1·5	150	2·1	1·8	17
320	3·2	—	1·1	350	2·2	—	1·1	—	0·4	300	2·2	330	1·8	—	0·1	—	0·1	—	0·1	—	0·1	—	0·0	2·2	18
270	4·1	280	5·1	270	3·5	270	3·9	240	2·7	260	3·8	270	4·5	270	5·4	270	5·4	270	5·0	270	5·0	290	8·2	3·2	19
210	4·4	240	4·0	230	4·6	230	5·4	220	5·5	220	5·5	220	5·2	210	6·0	210	5·9	210	5·1	200	6·1	220	6·0	5·1	20
210	11·0	210	11·0	210	11·7	220	16·4	210	13·4	220	13·5	220	14·5	220	13·0	220	11·7	210	10·0	210	9·8	210	10·2	10·0	21
210	10·0	210	10·0	220	8·5	220	9·0	220	8·4	230	8·9	230	9·4	230	10·4	240	11·6	240	11·1	230	7·1	230	6·0	**11·6**	22
220	13·2	230	12·0	220	10·2	210	9·8	220	10·1	200	7·1	200	7·9	190	7·6	190	8·5	200	12·4	200	12·6	200	11·4	7·5	23
200	11·0	190	8·9	190	8·6	190	10·2	180	9·1	180	7·1	190	8·7	190	7·9	180	7·4	170	5·5	180	4·0	170	4·1	9·5	24
140	1·9	140	3·3	—	0·6	—	0·2	140	1·8	140	2·5	120	1·6	70	1·8	—	0·9	—	0·5	110	3·2	120	2·9	2·3	25
130	1·6	100	2·5	80	1·9	80	2·9	70	2·1	90	4·5	90	3·4	50	4·1	40	4·5	70	5·7	60	5·5	70	9·1	4·1	26
190	4·4	200	3·5	180	3·6	190	4·9	210	8·0	220	6·5	220	7·2	230	9·5	230	10·5	220	11·4	220	10·5	220	9·8	6·2	27
150	4·2	150	4·1	150	3·5	150	4·0	150	3·0	150	3·0	140	2·2	—	0·6	—	0·3	—	0·6	—	0·2	80	2·1	3·8	28
170	4·1	170	3·5	160	3·6	150	3·5	160	3·5	160	2·5	150	3·5	160	2·5	150	2·5	150	3·5	150	5·5	160	4·6	4·6	29
140	3·1	150	3·9	150	2·9	160	3·1	180	5·0	200	5·5	200	6·0	200	6·6	190	5·8	200	5·8	200	5·6	180	5·7	4·3	30
—	4·5	—	4·4	—	3·8	—	4·0	—	3·9	—	**3·4**	—	3·5	—	3·5	—	3·6	—	4·0	—	3·9	—	4·0	4·0	

December, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
160	2·4	160	1·6	—	0·7	—	0·4	—	0·1	—	0·5	—	0·3	—	0·1	—	0·1	—	0·1	—	0·6	—	0·2	2·1	1
50	4·1	70	4·9	50	3·2	40	3·1	30	3·3	40	3·5	30	2·9	30	2·5	30	4·0	20	3·0	20	3·8	20	5·0	2·3	2
360	3·0	10	2·9	10	2·0	20	2·9	50	1·7	30	2·3	—	1·1	—	0·5	—	0·8	—	1·1	—	0·6	—	0·2	3·3	3
160	5·5	160	7·7	160	7·5	160	7·0	160	6·4	160	5·0	170	3·9	160	2·4	—	0·1	—	0·0	—	0·1	—	0·3	3·9	4
210	11·0	210	10·0	210	9·1	210	10·0	210	9·7	210	10·0	220	8·2	210	8·1	210	7·4	210	11·0	220	10·6	230	9·6	7·3	5
210	4·9	210	4·6	170	5·0	210	5·9	190	4·1	180	4·0	170	3·9	170	3·0	190	5·0	190	5·9	190	8·0	190	9·6	6·5	6
180	10·8	190	12·7	190	12·5	200	12·0	200	11·5	190	11·0	200	11·8	190	11·0	200	12·4	200	13·0	200	12·2	200	11·4	10·8	7
150	1·6	160	2·5	170	2·7	160	2·6	160	2·3	160	2·8	170	3·5	170	3·9	170	3·8	180	5·9	190	6·5	190	5·5	4·3	8
220	3·7	220	3·6	—	1·5	—	1·2	—	0·9	180	3·0	180	3·0	190	3·0	180	3·0	180	2·0	180	2·4	180	2·4	3·3	9
210	7·1	210	6·6	210	5·5	220	6·9	220	5·9	220	4·9	220	5·0	230	6·0	220	4·9	210	3·9	200	2·6	210	2·2	4·1	10
210	3·4	200	3·6	200	2·6	200	3·5	200	4·5	210	5·1	210	5·2	200	6·5	200	7·4	200	9·0	200	8·5	200	8·1	3·7	11
200	7·0	200	9·4	200	10·7	200	10·4	200	11·5	200	12·1	190	10·7	190	11·6	180	11·6	180	12·6	190	13·6	180	12·5	8·8	12
190	11·7	190	10·9	190	9·9	250	5·1	—	0·9	220	2·2	210	2·0	210	2·6	200	2·1	210	3·0	220	3·9	220	4·0	9·2	13
220	5·7	240	5·0	270	5·8	280	5·2	280	5·5	260	3·5	—	1·5	—	1·5	210	2·2	—	1·2	—	0·9	—	0·1	4·0	14
110	7·2	120	7·5	130	5·5	130	6·5	130	5·5	120	4·1	120	4·0	130	4·0	—	1·5	—	0·5	—	1·1	—	1·4	2·8	15
280	3·6	280	3·1	280	3·4	280	1·9	300	3·4	—	1·0	—	0·6	—	0·1	—	0·0	—	0·0	—	0·0	—	0·0	**1·5**	16
180	4·4	190	7·8	190	7·4	170	6·6	180	8·1	190	9·6	190	9·0	200	10·0	200	11·0	200	11·1	200	9·7	210	10·5	6·6	17
200	12·6	200	13·7	210	15·3	200	15·1	200	13·8	200	15·1	200	15·0	200	12·4	200	10·6	200	11·7	210	11·5	200	11·6	**12·7**	18
200	3·8	200	5·1	210	6·9	200	6·5	190	5·8	190	7·5	190	7·2	190	8·0	200	10·0	200	10·6	200	10·6	200	10·0	10·1	19
210	6·4	220	7·5	210	7·4	210	7·8	220	7·5	210	6·4	190	5·4	190	5·0	210	5·5	210	6·1	200	6·0	200	8·3	7·6	20
180	5·1	180	5·0	180	3·8	190	4·4	190	4·0	180	3·3	170	3·2	170	3·1	160	3·5	170	3·5	180	4·1	170	3·9	5·1	21
160	4·4	150	4·0	150	6·9	160	8·4	170	9·0	170	10·6	160	11·4	190	17·2	200	12·9	200	11·2	200	12·9	180	12·0	6·4	22
220	9·5	210	6·5	220	4·3	190	8·0	180	11·5	190	11·0	190	7·8	180	4·5	170	1·6	190	1·9	190	2·0	190	3·8	10·2	23
190	6·1	180	5·6	180	8·4	180	6·4	180	6·8	180	7·6	200	8·1	170	7·0	170	7·0	170	6·6	160	8·2	180	8·0	5·4	24
—	0·6	—	0·2	—	1·0	—	0·5	—	0·4	—	0·5	—	0·3	—	1·5	—	1·5	—	0·6	—	0·4	350	4·9	3·8	25
200	7·9	190	6·6	180	5·9	180	6·1	190	6·6	210	7·5	210	8·8	200	6·7	200	10·8	190	14·0	190	16·0	190	17·3	7·6	26
210	7·0	210	4·5	280	6·1	220	2·6	210	3·4	210	6·0	190	4·1	190	2·0	210	5·0	210	4·6	210	5·6	210	6·4	10·5	27
240	10·0	230	7·0	210	5·6	220	7·5	220	8·6	200	5·5	210	7·6	220	10·5	230	10·2	230	10·4	240	12·7	240	13·1	7·5	28
220	11·2	210	11·0	200	12·8	200	13·9	190	16·0	190	16·8	190	17·2	180	18·7	180	18·4	180	18·6	200	19·0	190	19·6	12·7	29
230	7·1	220	5·2	230	5·3	230	6·2	220	5·1	210	4·0	220	4·0	210	4·1	210	3·6	210	5·1	210	4·8	210	5·9	6·9	30
230	8·6	230	9·1	220	9·9	210	7·8	210	5·6	220	6·7	220	9·4	220	10·0	220	12·0	220	13·6	220	12·4	230	12·0	8·0	31
—	6·4	—	6·3	—	6·3	—	6·2	—	6·1	—	6·2	—	6·0	—	6·1	—	6·1	—	6·5	—	6·8	—	7·1	6·4	
—	**6·0**	—	6·0	—	5·8	—	5·7	—	5·3	—	4·9	—	4·5	—	4·3	—	4·1	—	4·0	—	3·9	—	**3·9**	4·7	

HIGHEST INSTANTANEOUS WIND SPEED RECORDED EACH DAY BY THE DINES TUBE ANEMOGRAPH.

193. Eskdalemuir : H_a = 235 metres + 15 metres. **1924.**

Day.	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	17	0 5	20	15 40	**27**	1 15	12	9 55	5	14 10	21	8 55	12	12 45	18	13 5	12	13 15	11	15 25	19	2 0	13	2 50
2	9	22 7	25	17 50	5	12 5	10	12 40	5	22 10	8	12 5	**20**	13 20	13	13 5	7	14 20	9	11 5	16	10 40	9	13 50
3	11	2 25	24	12 15	11	13 30	10	10 35	12	21 20	10	13 25	17	0 25	13	15 0	11	15 25	11	13 10	12	12 15	10	7 45
4	3	16 40	20	8 55	10	13 25	12	13 5	8	1 35	8	17 20	16	12 30	12	18 25	12	13 35	7	13 5	12	21 50	18	14 30
5	17	9 58	**31**	11 30	10	21 30	12	20 30	12	15 20	9	12 40	15	10 15	**21**	12 50	10	15 55	13	22 10	15	8 25	23	22 5
6	15	1 6	20	17 5	8	15 20	8	21 30	10	19 45	15	15 40	16	16 0	13	15 25	7	14 35	17	13 10	7	11 35	21	2 10
7	11	3 35	14	1 10	17	12 0	**24**	22 50	9	14 15	9	10 25	17	13 5	14	12 15	10	11 35	16	14 0	7	10 45	22	13 55
8	24	16 1	12	23 55	14	1 0	21	3 0	**20**	14 5	10	15 35	11	13 35	7	15 0	15	20 0	8	14 30	10	20 5	17	2 35
9	19	0 54	19	10 20	11	11 25	12	14 5	15	2 50	10	16 55	8	15 30	10	14 40	18	17 0	12	13 10	9	3 50	12	3 50
10	15	4 5	8	12 20	6	20 40	14	15 35	18	6 0	13	23 45	14	13 5	10	10 30	11	15 0	12	23 45	10	16 15	12	16 10
11	17	23 5	10	12 20	10	15 0	14	14 55	14	17 45	11	0 30	11	0 25	15	14 20	17	9 30	18	9 50	7	6 45	13	22 10
12	23	2 30	17	19 25 23 45	10	12 0	15	15 35	10	15 15	**22**	19 25	17	17 5	10	13 25	23	21 35	**20**	2 25	7	13 00	21	22 40
13	**26**	12 32	20	0 20	10	12 25	12	11 20	12	10 0	14	0 45	15	13 0	12	14 40	20	0 15	7	19 50	5	0 15	23	9 46
14	11	0 15	9	14 15	8	15 45	14	15 10	11	19 35	11	14 50	13	12 50	14	12 0	18	16 20	3	12 25	7	22 45	13	14 55
15	10	13 14	12	23 30	8	8 10	23	13 15	14	16 20	8	10 5	15	10 40	13	11 15	23	16 0	5	12 15 14 40	8	11 45	13	13 10
16	13	20 20	10	1 25	10	11 35	19	8 20	19	13 20	9	14 35	15	14 30	11	1 0	19	23 45	14	14 15	2	16 15 16 55	9	13 35
17	15	8 54	14	21 5 22 30	9	14 40	10	12 30	12	12 45	15	16 20	11	12 5	11	13 56	23	13 40	10	10 5	8	8 55	17	21 25
18	16	20 15	18	8 30	11	9 25	11	10 15	15	17 0	12	10 35	14	14 35	16	15 40	23	14 0	10	24 0	8	12 20	24	16 20
19	19	20 20	15	0 15	10	8 15	11	12 0	14	14 25	13	13 30	12	1 35	12	11 0	11	14 30	9	0 40	15	11 20	24	10 35
20	23	4 13	9	14 15	9	9 30	18	17 30	13	3 10	14	12 5	9	13 50	13	16 30	20	23 20	12	9 30	14	0 35	17	2 20
21	8	20 35	15	6 15	5	12 10	16	9 50	11	13 30	11	13 15	7	20 25	10	2 5	**28**	5 0	13	10 45	24	16 10	12	0 20
22	9	22 55	13	13 30	12	16 00	11	9 55	**20**	18 0	9	17 40	11	10 10	8	11 20	13	15 40	8	0 35	**26**	3 45	27	19 50
23	12	23 27	16	19 55	10	9 10	7	14 55	17	17 15	13	12 30	15	10 50	13	7 5	19	4 10	7	13 50	18	13 20	30	6 25
24	17	7 54	20	4 50	11	8 15	17	20 35	15	14 45	13	4 45	15	18 0	13	23 40	11	15 30	11	16 25	20	11 15	19	18 35
25	14	12 43	20	11 40	9	1 45	15	20 15	9	16 50	15	16 0	14	6 40	12	18 15	7	23 10	12	2 40	7	0 25	19	2 40
26	23	22 5	8	10 55	10	10 0	16	10 45	13	12 20	16	12 30	10	13 25	11	13 15	9	10 10	11	22 10	15	23 55	29	23 45
27	22	2 13	16	17 0	7	16 15	17	3 45	19	3 55	17	3 5	8	16 50	9	10 35	8	16 0	10	0 15	17	0 25	**31**	1 40
28	12	5 0	13	23 55	8	14 50	12	3 45	12	7 35	20	14 10	15	18 45	13	17 25	21	20 15	2	1 0 19 30	15	0 35	20	22 55
29	12	9 50	27	7 5	11	16 25	7	19 20	11	18 15	**22**	7 10	13	3 5	9	10 25	23	8 10	18	12 40	16	4 20	30	22 55
30	17	12 29	—	—	8	8 45	10	6 30	9	15 0	14	15 30	6	15 35	4	16 50	15	1 50	11	15 30	10	19 30	29	0 55
31	17	21 11	—	—	11	11 40	—	—	14	22 45	—	—	13	13 5	11	16 0	—	—	17	13 50	—	—	21	5 15

DISTRIBUTION OF WIND SPEED: EXTREME VELOCITIES AS RECORDED BY THE DINES TUBE ANEMOGRAPH.

194. Eskdalemuir : H_a = 235 metres + 15 metres. **1924.**

Month.	DISTRIBUTION OF WIND SPEED.								EXTREME VELOCITIES.					
	More than 17·1 m/s.		10·8 to 17·1 m/s.		5·5 to 10·7 m/s.	1·6 to 5·4 m/s.	Less than 1·6 m/s.	No. Record.	Highest Hourly Wind.				Highest Gust.	
	Dates of Occurrence.	Duration.	No. of Days.	Duration.	Duration.	Duration.	Duration.	Duration.	Veer from N.	Speed.	Mid Time.		Speed.	Date.
		hr.		hr.	hr.	hr.	hr.	hr.	°	m/s.	day.	hour.	m/s.	day. h. m.
Jan.	—	0	10	61	253	341	89	0	190	17	13	12	26	13 12 32
Feb.	29th	1	11	70	265	296	51	13	290*	18	29	24	31	5 11 30
Mar.	1st	2	2	15	102	359	236	30	280*	20	1	1	27	1 1 15
April	—	0	6	32	222	316	150	0	250	15	7	23	24	7 22 50
May	—	0	5	20	228	348	148	0	200	13	22	18	20	8 14 5
June	—	0	6	34	236	299	150	1	230	16	29	8	22	29 7 10
July	—	0	2	15	320	293	116	0	190	13	2	13	20	2 13 20
Aug.	—	0	2	6	208	389	140	1	250	13	5	11	21	5 12 50
Sept.	—	0	12	82	229	300	109	0	260	16	18	14	28	21 5 0
Oct.	—	0	2	7	161	310	266	0	220	13	11	10	20	12 2 25
Nov.	22nd	3	6	37	129	360	191	0	240	19	22	4	26	22 3 45
Dec.	22nd, 23rd, 26th 27th, 29th, 30th	21	18	104	275	242	102	0	190	20	29	24	31	27 1 40
Year	9 days	27	82	483	2,628	3,853	1,748	45	280	20	Mar.	1 1	31	Dec. 27 1 40

* Interpolated values.

MINIMUM TEMPERATURE "ON THE GRASS" DURING THE INTERVAL 18H. TO 7H. G.M.T.

Readings, in degrees absolute.

195. Eskdalemuir. **1924.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	74·7	70·0	69·0	71·0	75·7	80·0	77·7	85·0	84·1	70·0	78·9	76·7
2	77·7	76·0	60·8	65·9	77·0	76·6	81·4	83·7	77·7	79·7	78·8	73·5
3	72·6	76·8	**60·1**	64·0	77·3	**68·8**	81·8	79·5	80·2	77·5	69·6	78·0
4	68·5	77·0	67·0	70·0	73·5	70·8	80·2	79·9	78·9	80·0	65·6	77·4
5	74·1	78·0	62·0	67·9	73·0	75·3	79·9	85·8	79·3	77·0	75·0	72·9
6	75·7	76·6	60·6	69·9	70·9	81·9	79·5	78·0	84·0	77·0	67·0	76·0
7	68·4	75·0	67·2	72·2	76·0	81·9	82·8	75·9	79·9	77·0	77·2	76·8
8	68·7	74·2	71·0	73·2	74·0	84·0	81·1	73·4	85·1	71·0	77·7	77·8
9	**59·0**	73·7	68·9	68·5	**68·6**	82·7	80·3	**73·0**	82·0	72·7	76·6	76·8
10	63·1	73·8	66·0	66·9	77·2	81·2	78·2	74·5	72·0	80·2	71·9	78·1
11	63·6	73·0	65·0	64·4	79·3	82·4	85·6	80·8	79·0	76·1	74·2	75·6
12	69·1	72·2	67·1	67·0	73·5	78·1	80·7	83·8	82·0	78·3	69·9	79·4
13	73·0	72·0	67·1	66·0	73·0	76·1	84·9	76·0	83·1	76·1	69·0	80·0
14	73·2	70·1	69·2	69·7	75·8	69·8	78·8	79·9	72·5	75·6	69·2	72·5
15	69·9	70·2	70·8	66·3	79·9	81·5	84·9	75·2	79·8	73·4	73·9	**69·0**
16	73·0	69·0	68·7	72·1	78·0	—	83·0	79·0	81·2	71·9	64·7	76·0
17	70·4	68·0	63·6	65·1	73·5	82·5	80·8	77·0	84·0	73·1	**64·1**	69·6
18	69·0	75·2	61·1	68·3	70·6	81·3	77·2	79·3	80·2	71·8	75·0	81·1
19	76·3	70·6	66·5	78·8	80·0	78·3	79·2	80·0	72·9	79·0	67·1	79·8
20	74·5	72·0	64·0	78·9	78·0	79·0	**73·0**	81·1	79·7	80·2	77·3	80·1
21	68·6	75·9	62·3	80·7	80·0	73·8	83·5	82·2	79·6	77·2	77·8	79·4
22	78·1	67·1	72·0	75·8	82·9	74·7	83·0	82·0	73·0	**69·1**	80·0	74·6
23	77·5	67·2	77·5	**63·7**	81·0	77·1	75·1	80·6	73·3	71·2	79·3	78·2
24	74·7	74·9	76·2	75·0	79·0	83·2	78·7	80·2	74·0	69·7	80·5	76·2
25	70·3	72·1	73·3	79·2	78·9	75·7	81·0	80·0	72·1	70·0	77·3	74·3
26	76·7	70·0	73·1	81·0	76·7	85·5	77·0	78·7	76·2	76·2	80·0	73·4
27	73·0	71·0	71·9	75·6	79·0	80·9	73·4	76·0	71·0	78·7	78·8	76·0
28	74·9	**66·4**	68·1	74·6	82·1	76·5	81·2	75·0	**70·8**	77·0	73·0	73·0
29	76·0	71·3	65·2	69·1	79·4	83·0	83·6	83·9	82·3	79·8	69·7	73·0
30	75·2	—	67·0	75·7	80·5	80·6	84·3	84·1	81·4	79·9	77·4	75·7
31	76·1	—	68·5	—	80·8	—	—	82·0	—	79·0	—	71·5
Mean	72·1	72·4	67·4	71·2	76·9	78·7	80·4	79·5	78·4	75·7	73·9	75·9

NOTES.—(1) The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 is written 75·0.
(2) The minimum refers to the interval from 18h. the previous day to 7h. on the day to which it is entered. Mean for June is for 29 days only. Mean for July is for 30 days only.
(3) Annual Mean 275·2.

196. Eskdalemuir. **January, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Cu. : Fr-Cu.	St-Cu.	St.	3	3	2	10	10	10	...	...	...	...	...	≡0	o, c, b *a* : b, o *p* : o, o ≡0 *n* : [c *n*
2	St.	St. : St-Cu.	Nb.	10	10	10	10	10	9	d0 ≡	≡	≡0	● ≡0	●0 ≡0	...	od0 ≡0, ≡ *a* : od ≡0, o ● ≡0 *p* : o ●0 ≡0
3	St-Cu.	St-Cu.	St-Cu.	5	3	9	9	8	10	⌴	⌴	...	...	...	⌴ ≡0	bc ⌴, o *a* : o, c *p* : c, o ⌴ ≡0 *n* :
4	—	St.	Nb.	0	9	10	10	10	10	⌴ ≡	⌴	...	e ≡0	d0 ≡	d0 ≡	b ≡0, b ⌴ ≡, o *a* : o ⋮, od *p* : od0 ≡ *n* :
5	Nb.	Nb.	Nb.	10	10	10	10	10	10	●0 ≡0	●0 ≡	●0 ≡0	d0 ≡0	d ≡0	d0 ≡0	od ● ≡0, o ● ≡0 *a* : od0 ≡0 *p* : od ≡0 *n* :
6	St-Cu.	St-Cu.	—	10	10	10	8	0	0	≡0	...	...	≡0	≡0	⌴ ≡0	od0 ≡0 early, o *a* : o, b ≡0 *p* : b ⌴ ≡0 *n*
7	St-Cu.	Nb.	St-Cu.	3	7	10	10	10	7	≡0	...	d ≡0	● ≡0	...	...	b ≡0, c. od0 ≡0 *a* : o and o ● *p* : c, o *n* :
8	St-Cu.	St.	St-Cu.	10	10	10	10	9	10	q	q	g	...	q	≋	o, o ≋, og *a* : o, op ✱0 *p* : o ≋ *n* :
9	A-St.	—	St-Cu.	1	3	0	1	4	8	...	...	...	...	...	⌴	b, op ✱0, b *a* : b, bc *p* : bc, c ⌴ *n* :
10	Nb.	Nb.	St-Cu.	10	10	10	10	6	2	✱	...	✱	...	...	...	⊠ thin layer, o ✱, o : *a* o ✱0, bc *p* : bc, b *n* : [o ≡0 *p* : o ✱ ≡0 *n* :
11	St.	Nb.	St.	9	10	10	8	10	10	...	...	✱0 ≡0	...	≡0	✱ ≡0	⊠ 1 cm. b, o, o ✱0 ≡0 *a* : o ✱0 ≡0, c,
12	St-Cu.	A-St. : Ci-St.	A-St.	4	8	9	10	10	10	q	q	...	...	...	●0 ≡0	o ● q, co *a* : o *p* : o ≡0, o ● ✱0 ≡0 *n*
13	Nb.	Nb.	Nb.	10	10	10	10	10	10	● ≡0	● ≡0	●2 ≡0	● ≡0	● ≡0	≡0	o ✱ ≡0, o ●2 ≡0 *a* : o ● ≡0 to o ≡0 *p and n* :
14	St.	Cu. : Fr-Cu. : A-Cu.	St-Cu.	10	9	3	1	9	9	≡0	...	...	...	...	...	o ≡0, b *a* : b, o *p* : o *n* :
15	St-Cu.	St. : St-Cu.	St. : St-Cu.	9	10	9	10	10	7	...	...	...	...	...	...	o, op ●, o *a* : o, c *p and n* :
16	St-Cu. : Ci-St.	A-Cu.	A-Cu. : Ci-St.	7	7	7	9	6	3	≡0	≡0	≡0	≡0	≡0	≡0	bc, c ≡0 *a* : o ≡0, bc ≡0 *p* : b ≡0 *n* :
17	St-Cu.	St-Cu.	St.-Cu	10	10	10	10	10	10	...	...	...	...	...	✱0	o *a and p* : o, o ✱ *n* :
18	Nb.	Nb.	Nb.	10	10	10	10	10	10	✱ ≡0	≡0	● ≡0	● ≡0	● ≡	● ≡	⊠ 5 cm. o ✱0 ≡0, o ● ≡0 *a* : o ●, od ≡0, ● ≡ *p* : o, ● ≡ *n* :
19	St.	St-Cu.	Nb.	10	10	10	10	10	10	≡0	≡0	...	...	●0 ≡0	●	o ≡0, o *a* : o, ● ≡0 *p* : o ● ≡0 and o *n* :
20	St-Cu.	St-Cu. : Ci.	St-Cu.	1	1	8	7	3	0	...	...	...	...	...	...	o, b to o *a* : c, op ●0, b *p* : b, cp0 ●, b *n* : [od ≡0, o ≡0 *n* :
21	St.	St.	Nb.	10	10	10	10	10	10	...	● p	...	● ≡0	d ≡0	≡0	≡ early, op, o *a* : o ● ≡0. od ≡ *p*
22	Nb.	Nb.	Nb.	10	10	10	10	10	10	●0 ≡0	d ≡0	● ≡0	● ≡0	●0 ≡0	≡ ⋮	o ● ≡0, od ≡0 *a* : o ● ≡ *p* : o ≡ ⋮ *n* :
23	St.	St.	St-Cu.	10	10	10	10	10	10	≡	≡0	...	...	...	≡0	o ≡, o ≡0 *a* : o *p* : o ≡0 *n* :
24	Nb.	St.	St-Cu.	10	10	10	10	9	2	●0 ≡0	d ≡0	≡0	≡0	...	...	o ● ≡0, o ≡0 *a* : o ≡0, o *p* : b *n* :
25	St-Cu.	St.	St.	4	10	10	10	10	9	⌴	≡0	≡0	d0 ≡0	≡0	...	bc ⌴, op ●, o ≡0 *a* : od ≡0 *p* : o ≡0, o *n* : [o ● ≋, o *n* :
26	St-Cu.	Nb.	St.Cu. : A-St.	10	10	10	8	10	10	...	≡0	● ≡0	● ≡0	...	...	op0, o ≡0, o ● ≡0 *a* : c, o ● ≡0 *p* :
27	St-Cu.	St-Cu.	St. : Nb.	4	6	10	9	10	3	...	...	...	...	d0	...	●, bc, op *a* : o, d0 *p* : od0, b *n* :
28	St-Cu. : A-St.	A-St. : Ci-Cu.	Nb. : A-St.	9	9	9	10	10	10	...	...	...	...	d0	d0 ≡0	b, o *a* : o, od0 *p* : o and od0 ≡0 *n* :
29	St-Cu.	Nb. : St.	St-Cu. : Ci-St.	9	9	10	10	3	8	...	...	d0 ≡0	...	♕	...	o and od ≡ 0*a* : o, b, b ♕ 1750 *p* : b ♕, op0, c *n* :
30	St.	St. : Nb.	St-Cu.	10	10	10	10	10	10	...	...	d0	...	...	≡ ⋮	o ≡ ⋮, od0 *a* : o *p* : o, o ≡ ⋮ *n* : [*p* : b, p ●0 *n* :
31	Nb.	Nb.	St-Cu. : A-St.	10	10	10	10	10	2	d ≡0	...	d ≡0	●	...	●0 p	od ≡0, o, o ● *a* : o ● op △ at 16·50
Mean Cloud Am'nt				7·7	8·5	8·9	9·0	8·6	7·7							

197. Eskdalemuir. **February, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	St-Cu.	Nb.	3	3	10	10	10	8	⌴	⌴	...	...	● ≡0	...	[op ●, c *n* : b ⌴, bc p0, op ●0 *a* : o, o ● ≡0 *p* :
2	Nb.	Nb. : St-Cu.	St-Cu.	10	10	10	10	10	10	d	...	d0 p	d0 p	...	...	o and od *a* : opd0, o *p* : o *n* :
3	St-Cu.	St-Cu.	St-Cu.	9	10	8	8	8	10	...	...	...	●0 p	...	d0 p	opd0 and o *a*: c and op0 *p*: c and opd0 *n*:
4	St-Cu.	Nb.	Nb. : St-Cu.	5	5	10	10	10	10	...	...	d	...	d0	d0	o ●0 early, bc to od0 *a* : o and od0 *p* : o d0 and o ● *n* :
5	Nb. : A-St.	Nb.	St-Cu. : A-St.	10	10	10	10	9	9	●	● ≡0	● ≡0	...	...	...	o ● to o ● ≡0 *a* : op to o *p* : o *n* : Faint auroral glow 19h to 21h.
6	St-Cu.	St-Cu. : Ci.	St-Cu.	4	9	8	10	7	1	...	...	...	...	...	...	o to bc and o *a* : o and c *p* : c to b *n* :
7	Nb.	Nb. : St-Cu.	St-Cu.	9	7	10	9	10	10	●0	...	● p	...	...	e	o, o ●0 ⌒ 9h, bc and cop *a* : op and o *p* : o to oe *n* :
8	St-Cu. : A-St.	St-Cu.	St.	10	10	10	10	10	10	...	≡0	...	...	...	...	o, o ●0, o ≡0 to o *a* : o *p and n* :
9	St-Cu.	St. : A-St.	Nb.	9	9	10	10	10	10	≡0	≡0	...	✱0	●0 ≡0	≡0	o, o ≡0 to o *a* : o ✱ and o ●0 ≡0 *p* : o ●0 ≡0 to o ≡° *n* :
10	St-Cu. : A-St.	St. : Fr-St. : A-St.	St.	8	10	10	10	10	10	≡0	≡0	≡0	≡0	d0 ≡0	●0 ≡0	c and o ≡0, p0 *a* : o ≡0 and od0 ≡0 *p and n* : [o ✱ ≡0 : *n* :
11	St-Cu.	St-Cu. : A-St.	Nb.	10	10	10	10	10	10	≡0	≡0	...	...	✱0 p	✱ ≡0	od, o ≡0 to o *a* : o to op ✱0 *p* :
12	St.	St.	St.	10	10	10	10	10	10	≡0	...	≡0	≡0	≡0	p ● ≡	o ✱0 ≡0, o ≡0 and o *a* : o and opd ≡0 *p and n* :
13	St.	St-Cu.	St-Cu.	10	10	10	10	10	10	≡0	...	...	...	...	...	o ≡0 to o *a* : o *p and n* :
14	St-Cu.	St-Cu.	St-Cu.	10	9	10	8	10	10	...	...	...	...	...	✱0	o, c and o *a* : c and o *p* : o, o ✱0, c *n* :
15	St-Cu.	St-Cu. : Cu. : A-Cu.	St-Cu.	3	3	7	9	3	5	...	...	...	...	...	...	b and bc to c *a* : c p ✱0 to b *p* : b and bc *n* : [o, o ⌴ ⊞ *n* :
16	St.	St-Cu.	St-Cu. : Ci-St.	10	10	10	10	9	10	...	...	...	...	...	⌴ ⊞	bc, b ⌴ c op ✱0, o and c *a* : o *p* :
17	A-St.	St. : A-St.	St. : A-St.	10	10	10	9	10	10	⌴ ≡0	≡0	≡0	...	...	≡0	o ⌴ ≡0, o ≡0, op ✱0 *a* : o, op ●0 ≡0 and o ≡0 : *p and n* : [bc, o *n* :
18	Nb.	St-Cu.	St-Cu.	10	8	10	8	3	9	●	...	...	...	...	...	o, o ● ≡0 to o and c *a* : o, c, bc *p* :
19	St-Cu.	St-Cu.	St-Cu. : A-St.	8	10	10	10	10	10	...	...	...	...	...	...	o and c, bc, o *a* : o *p and n* :
20	St.	St.	St. : Fr-St. : A-St.	10	10	10	10	10	10	≡0	≡0	≡0	≡0	≡ ⋮	...	o to o ≡0 *a* : o ≡0 to o ≡ ⋮ *p* : o ≡ ⋮ to o *n* :
21	St-Cu.	St-Cu.	St-Cu.	9	3	9	10	7	6	...	...	...	...	...	...	o to b to o *a* : o, bc, c *p* : c and bc ⊞° *n* :
22	St-Cu.	St-Cu.	St-Cu.	9	10	10	10	7	9	...	...	...	...	...	...	bc and b to o *a* : o to c *p* : c and o *n* :
23	St-Cu.	St-Cu. : Ci.	Fr-Cu. : St-Cu.	2	8	8	9	3	10	⌴	...	...	...	...	...	b and b ⌴, c *a* : c, o to b *p* : b and bc to o *n* : [opd0 *n* :
24	St-Cu.	St-Cu.	—	9	9	10	2	0	9	...	●0 p	...	...	...	d0 p	o, o ●, op0 *a* : o to b *p* : b and bc to
25	St-Cu.	St-Cu.	Nb. : St-Cu.	8	9	8	9	9	7	...	...	...	✱0 p	u	...	o and c *a* : c and op ✱0 *p* : o, op ✱0, o and c *n* :
26	St-Cu.	St-Cu.	St-Cu.	8	6	10	10	10	9	...	...	...	...	...	...	c, cp ✱0, bc, op0 o *a* : o *p and n* :
27	St.	Nb. : St. : St-Cu.	Nb. : St-Cu.	10	10	10	7	10	0	≡	≡0	● p	...	✱0 p	...	o ≡ to o ≡0, op *a* : o and op, o △ Kq ●0 (14h) o and c *p* : op ✱0 tob *n* :
28	St-Cu.	St-Cu.	St-Cu.	7	5	10	8	10	9	...	...	y	...	...	...	b and c to oy *a* : oy, bc, o *p* : o *n* :
29	Nb.	Nb. : St-Cu.	St-Cu.	10	4	8	6	2	1	●	...	...	...	...	...	o, ✱0 ●0 to bc early, op △0 ≋ *a* : op ✱0 to b *p* : b *n* :
Mean Cloud Am'nt				8·3	8·2	9·5	9·0	8·2	8·3							
Day.	7h	13h	18h	7h	9h	13h	15h	18h	21h	7h	9h	13h	15h	18h	21h	Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

198. Eskdalemuir. **March, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.-Cu.	Fr-Cu. : A-St.	St-Cu.	10	7	3	1	0	0	...	...	...	...	...	...	bc to o and b *a* : b and bc *p and n* :
2	A-St.	St-Cu : Ci-St.	A-St. : Ci-St.	4	7	8	8	4	0	⌊⌊	⌊⌊	...	...	...	⌴	b,bc⌴ to c *a* : c to bc *p* : bc to b⌴ : *n* :
3	St-Cu : Ci-St.	Cu. : St-Cu. : Ci.-Ci-St.	St-Cu.	4	2	4	9	9	10	⌊⌊	⌊⌊	...	...	...	...	b⌴ to bc *a* : bc to o *p* : o, op☼⁰ *n* :
4	Nb.	Cu. : St-Cu.	St-Cu. : A-St.	10	10	6	5	7	0	☼⁰ ≡⁰	≡⁰	...	...	...	...	op☼⁰, o ≡⁰ to bc *a* : bc to c *p* : c to b *n* :
5	A-St. : Ci.	A-St.	A-St. : Ci-St.	3	10	10	10	8	2	⌊	⌊	...	⊕	...	...	b⌴ to o *a* : o, o ⊕ 15h, to c *p* : [c to b *n* :
6	Ci-St. : Ci-Cu.	Ci. : Ci-St.	Ci.. : Ci-St.	3	3	8	8	10	10	⌊⌊	...	y	y	...	...	b, b⌴, b to cy *a* : cy to o *p and n* :
7	St-Cu.	St-Cu.	St-Cu.	9	10	10	10	10	10	≡⁰	...	...	...	...	...	o, o ≡⁰, op ●⁰, o *a* : o od$_0$16h, o *p* : o : *n* :
8	St-Cu. : Fr-Cu. : A-St.	St-Cu.	St-Cu : A-St.	5	10	8	7	8	2	≡⁰	≡⁰	≡⁰	≡⁰	≡⁰	≡⁰	o, bc ≡⁰ to c ≡⁰ *a* : c ≡⁰ to b ≡⁰ *p and n* : [c, o *n* :
9	Fr-St : St. : A-St.	Fr-Cu.:St-Cu.:A-Cu	St-Cu. : A-Cu.	10	6	9	4	8	9	≡⁰	≡⁰	...	...	...	...	b ≡⁰ to o ≡⁰, b and o *a* : o, bc, c *p* :
10	A-Cu. : Ci.	St-Cu.	Ci-St. : Ci.	8	4	1	0	2	0	⌊⌊⌊ ≡⁰	⌊⌊⌊	y	y	∞ y	≡⁰	c⌴ bc, by *a* : by, b ∞ y *p* : b ≡⁰ *n* :
11	—	—	—	0	0	0	0	0	0	⌊⌊⌊ ≡⁰	≡⁰	∞ y	y	≡⁰	≡⁰	b⌴ ≡⁰ to b ∞ y *a*: by to b ≡⁰ *p and n*:
12	Ci.	Ci.	Ci.	8	1	1	1	2	0	⌊⌊⌊ ≡⁰	≡⁰	∞ y	∞ y	≡⁰	≡⁰	b ≡⁰, c⌴ to b ∞ y *a* : b ∞ y to b ≡⁰ *p and n* : [c ⊞ *n* :
13	Ci.	A-St. : Ci.	A-St. : Ci.	6	7	4	6	6	8	⌊⌊	...	y	y	y	⊞	b, bc⌴ to c, bcy *a* : bcy *p* : bcy to
14	A-Cu. : A-St. : Ci.	A-St. : Ci-St.	A-St. : Ci-St.	9	9	9	9	8	10	...	⊕	⊕ y	y	y	⊞ ≡⁰	o ⊕ to o and c *a* : oy, cy *p* : cy, o ≡⁰ ⊞ 21h *n* : [o ≡⁰ *n* :
15	A-Cu. : Ci-St.	St-Cu : A-St.	St-Cu.	9	10	9	9	10	10	≡⁰	≡⁰	∞ y	y	≡⁰	≡⁰	o ≡⁰ to o ∞ y : *a* : o ∞ y to o ≡⁰ *p* :
16	Cu. : A-Cu. : Ci.	St-Cu. : A-Cu.	St-Cu.	5	3	9	9	1	0	⌊⌊⌊	...	...	...	...	...	c⌴ to bc, o *a* : o, c, o, bc *p* : *b n* :
17	Ci-St.	Cu.	St-Cu.	1	2	8	8	8	7	⌊⌊⌊	⌊	...	y	...	...	b, b⌴, bc, c *a* : c, cy *p* : c, bc, b, c *n* :
18	St-Cu. : A-Cu.	Cu. : St-Cu. : A-St.	St. : Ci-St. : A-St.	6	3	7	10	9	5	⌊⌊	...	y	y	...	...	c, bc⌴, b, cy *a* : cy, oy to o *p* : o to bc *n* : [o *p* : oc *n* :
19	St-Cu. : A-St.	Nb.	St-Cu.	8	10	10	10	10	8	...	...	☼⁰ ≡⁰	...	...	...	bc to o, od$_0$ to o ☼⁰ ≡⁰ *a* : o ☼⁰ ≡⁰,
20	St-Cu. : A-Cu.	Ci-St.	Ci.	7	0	3	3	2	0	⌊⌊⌊	...	y	y	...	...	c⌴ to by *a* : by to b *p* : b *n* :
21	A-St.	St-Cu. : A-Cu.	St.	8	10	9	8	10	10	⌊⌊⌊	⊕	...	...	...	...	c⌴, c ⊕ 9h, o *a* : c and o *p and n* :
22	Nb.	St.	St.	10	10	10	10	10	10	d ≡⁰	d$_0$ ≡⁰	d ≡	≡⁰	≡⁰	≡⋮	o, o ●, d$_0$ ≡⁰ to o ≡ d *a* : od$_0$ ≡ to o ≡⁰, *p* : o ≡⁰, ≡⋮ *n* :
23	Nb.	Nb.	St. : Nb.	10	10	10	10	10	10	●⁰ ≡⁰	● ≡⁰	●⁰ ≡⁰	●⁰ ≡⁰	●⁰	● ≡⁰	o ●⁰ ≡⁰ and o ● *a*, *p*, *n* :
24	Nb.	St.	St. : Nb.	10	10	10	10	10	10	d ≡⁰	...	...	d$_0$	d$_0$ ≡⁰	●⁰	od ≡⁰ to o *a* : od$_0$ ≡⁰ *p* : od$_0$ ≡⁰, ←⁰ at 21h *n* :
25	Nb.	St.	St.	10	10	10	10	10	10	✱⁰	✱ ≡⁰	...	...	d$_0$ ≡⁰	●⁰ ≡⁰	o ●⁰, ✱⁰, ✱⁰ ≡⁰ to o *a* : o to od$_0$
26	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	...	o *a*, *p*, *n* : [≡⁰ *p* : od$_0$ ≡⁰ *n* :
27	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	9	1	...	...	...	...	...	...	o, op ☼⁰ at 0845, o *a* : o *p and n* :
28	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	...	bc, o, o *a* : o *p and n* :
29	Cu.	St-Cu.	St-Cu. : A-Cu.	1	7	7	7	4	0	⌊	...	y	...	...	...	bc b⌴ to cy *a* : cy to bc *p* : bcb *n* :
30	St-Cu.	Cu : Fr-Cu. : Ci-St.	St-Cu.	10	7	5	8	9	10	...	...	y	y	...	...	bc to o, bcy *a* : bcy, o *p* : o *n* : [bc to o *n* :
31	—	St-Cu.	St-Cu. : A-Cu. : Ci.	0	0	8	8	6	9	⌊	...	y	...	...	...	o, b⌴, by to cy *a* : cy, c to bc *p* :
Mean Cloud Am'nt				6·9	6·7	7·3	7·4	7·1	5·8							

199. Eskdalemuir. **April, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	St-Cu.	St-Cu. : A-Cu.	9	10	9	7	7	3	⌊	...	...	...	...	...	o, o⌴, o *a* : o, c to bc *p* : c to b *n* :
2	St-Cu.	Fr-Cu.	St-Cu.	10	10	5	3	1	1	...	...	y	y	...	...	b⌴ early,o,bcy *a* : bcy, by to b *p* : b *n* :
3	A-Cu.	Fr-Cu.	St-Cu.	9	10	5	9	9	1	⌊⌊	...	y	y	...	...	b⌴ to o⌴, o to bcy *a* : oy, o *p* : o bc b *n* :
4	Fr-St. : A-Cu.	Fr-Cu.	A-Cu. : Ci-St. : Ci-Cu.	3	9	8	9	6	5	⌊⌊	...	...	...	...	...	b⌴, o to c *a* : c, o to bc *p* : bc *n* :
5	Fr-St. : A-Cu.	St-Cu.	St-Cu.	10	10	10	9	8	2	...	...	...	y	...	...	bc, b⌴, o *a* : o-oy-c *p* : c-b *n* :
6	Fr-St. : St-Cu.	St-Cu.	St-Cu.	10	9	9	9	10	5	...	...	y	y	...	...	b⌴ early, to o *a* : oy, o *p* : o to b *n* :
7	St. : St-Cu. : Ci-St.	Nb.	St-Cu.	9	9	10	10	5	3	...	≡⁰	d$_0$ ≡⁰	d$_0$ ≡⁰	...	...	b early, to opd$_0$ ≡ *a* : od$_0$ ≡ to bc *p* : b, bq *n* :
8	St-Cu. : Ci. : Ci-St.	Cu-Nb. : St-Cu.	Cu. : St-Cu.	4	8	7	6	7	2	...	✱ p	...	...	...	...	b and op ☼⁰ △ *a* : c, bc, c *p* : c to b *n* :
9	Cu. : Fr-Cu. : Ci. : Ci-Cu.	Cu-Nb. : St-Cu.	Cu-Nb. : St-Cu.	2	5	9	10	7	1	...	...	y	...	...	...	b and bc early, op △⁰ to oy *a* : oy, o, op ☼⁰ to c *p* : c, op ☼⁰, b *n* :
10	St-Cu. : A-Cu.	Cu.	St-Cu. : Ci-St.	8	3	7	9	8	4	...	...	...	...	...	...	o ✱ early, ⊠ 4″, b and bc *a* : o, c *p* : b, b⌴ *n* : [b, b⌴ *n* :
11	St-Cu.	St-Cu.	St-Cu. : Ci-St.	9	9	9	8	8	1	⌊⌊	...	...	...	...	...	b⌴ to o, p ☼⁰ *a* : o, c, p ☼⁰ *p* :
12	St. : A-Cu.	Cu-Nb. : St-Cu.	St-Cu. : Ci-St.	7	7	7	9	4	0	⌊ ≡⁰	≡⁰	...	...	...	...	b⌴ to c ≡⁰ ⌴, c p ☼⁰ *a* : o to bc with p ☼⁰ *p* : bc, b and p ☼⁰ *n* :
13	Fr-Cu. : A-Cu. : Ci-Cu.	Fr-Nb. : A-St.	Nb.	3	4	10	10	10	10	⌊	...	●⁰ p	...	✱ ≡	≡⁰	b⌴, op ☼⁰, ●⁰ *a* : o to o ✱ ≡ *p* : o ≡⁰ ✱ and o ≡⁰ *n* : [*p and n* :
14	St.	St-Cu.	Fr-Cu.	10	10	7	3	1	0	≡⁰	≡⁰	≡⁰	...	...	...	o ≡⁰, op ☼⁰ to c ≡⁰ *a* : bc to b
15	Cu.	St-Cu. : Cu.	St-Cu.	1	6	8	7	8	1	⌊	...	y	...	...	...	b, b⌴ to cy *a* : c p ✱ ▲ ●² and c *p* : [c, op$_0$, b *n* :
16	St-Cu.	St-Cu.	Cu-Nb.	4	6	6	3	1	0	...	...	y	y	y	...	bc to by *a* : by to b *p and n* :
17	—	Fr-Cu.	Ci. : Ci-St.	0	0	1	5	7	3	⌊	y	y	y	y	⌴	b, b⌴ to b and bcy *a and p* : cy to b ⌴ *n* : [op$_0$ *p* : o and op$_0$ ≡⁰ *n* :
18	St.	St. : St-Cu.	St. : A-St.	10	10	10	10	10	10	≡⋮	...	...	...	...	●⁰≡⁰p	o, ● to ≡⋮ early, o and c *a* : o and
19	Nb.	St.	St. : St-Cu.	10	10	10	10	10	10	d$_0$ ≡⁰	≡⁰	...	...	...	...	od ≡⁰ and o *a* : o, opd$_0$, o *p* : o *n* :
20	Nb : St-Cu.	St-Cu. : A-Cu.	St-Cu. : A-Cu.	10	10	9	8	8	7	...	...	...	...	y	...	od$_0$ ≡⁰ early, o *a* : o to cy *p* : cy to [c *n* :
21	St. : St-Cu.	Cu : Ci-Cu.	St-Cu.	9	6	5	7	9	10	...	...	y	...	...	...	c and bcy *a* : c and o *p* : o to c *n* :
22	Cu-Nb. : St-Cu.	St.	St-Cu.	10	10	10	8	9	9	...	...	...	...	...	...	o, opd$_0$ at 0915, c, *a* : bc and o *p* : o to b *n* :
23	Ci.	Fr-Cu. : Ci-St.	A-St.	2	3	9	8	10	10	⌊	...	⊕	...	...	...	b⌴ to o ⊕ at 13h *a* : o and c *p* : o *n* :
24	Nb.	Nb.	Nb.	10	10	10	10	10	10	d	●⁰ ≡⁰	d ≡⁰	●⁰	●	≡⁰ q	o, od ≡⁰ *a* : o ● ≡⁰, ●² *p* : o ● ≡⁰ q *n* : [o and o ● *n* :
25	Nb.	St. : Nb.	Nb. : A-St.	10	10	10	10	10	10	d ≡⁰	...	≡⁰	≡⁰	●	●p ≡⁰	od ≡⁰ to o *a* : o ≡⁰, op$_2$, o ● *p* :
26	St.	Nb. : A-St.	Nb. : Fr-Nb. : A-St.	10	10	10	10	10	10	...	...	●	●⁰	●⁰	●⁰	o ● early, o to o ● *a* : o and o ● *p and n* :
27	St-Cu. Ci.	Cu. : Ci.	Nb. : A-St.	7	7	5	10	10	10	...	...	y	y	d$_0$ ≡⁰	● ≡⁰	o ●, c to bcy *a* : bcy, oy, od$_0$ ≡⁰ *p* : od$_0$ ≡⁰ and o ● ≡⁰ *n* :
28	St.	St-Cu.	St-Cu.	8	9	10	10	10	10	...	...	...	...	...	♕	o ● ≡⁰, od ≡⁰ to c, op$_0$ o *a* : op, op$_2$ to o ● *p* : o ♕⁰ at 21h *n* :
29	St-Cu.	St-Cu. : A-Cu.	St-Cu.	1	5	8	9	10	10	...	...	...	...	...	...	b⌴ early, b to c *a* : o *p and n* :
30	Nb.	St.	St-Cu.	10	10	10	10	10	10	●⁰	...	...	...	...	...	o ●⁰, o *a* : o *p and n* :
Mean Cloud Am'nt				7·2	7·8	8·1	8·2	7·8	5·6							

Day. | Cloud Forms. 7h | 13h | 18h | Cloud Amount (All Forms). 7h | 9h | 13h | 15h | 18h | 21h | Weather. 7h | 9h | 13h | 15h | 18h | 21h | Remarks.

200. Eskdalemuir. **May, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu.	Nb. : Cu-Nb.	10	10	10	10	10	10	...	...	y	...	●	...	o to oy *a* : oy, oy to o ● *p* : o ● and o *n*:
2	St.	St. : St-Cu.	Nb.	10	10	10	10	10	10	≡0 e	...	...	...	●0	≡0	o, p0 ≡0, d ≡0 to o *a* : o and o ●0 *p* : o ●0, o ≡0 *n* :
3	St.	Nb. : St-Cu.	Nb. : St-Cu.	10	10	10	10	10	10	...	...	op0	●0	●0	●0 ≡0	o ≡0 early, o and op *a* : o and o ●0 *p* : o and o ●0 ≡0 *n* :
4	A-St. : A-Cu.	Nb.	Nb.	9	9	10	10	10	10	...	...	●0	d	✱ ≡0	✱0 ≡0	o ≡0, o, op0 *a* : od, o ✱ ≡0 *p* : o ✱ ≡0 and o ✱ ≡0 *n* :
5	Nb.	Nb. : St-Cu.	Cu-Nb. : A-St.	10	9	10	8	8	9	✱0 ≡0	...	● ▲	y	...	● p	o ≡0, o ✱0 ≡0, ocp0, ▲● *a* : cy p ▲ ● *p* : op ▲ and p ● *n* :
6	St. : St-Cu. : Ci-St	St-Cu.	Fr-St. : A-St.	9	10	10	10	10	10	...	...	...	...	...	● ≡0	o *a* : o, op ▲ ●, o *p* : o, o ● ≡0 *n* :
7	St-Cu. : Ci. : Ci-St.	Cu. : St-Cu.	Cu-Nb. : St-Cu.	7	8	9	7	6	10	...	...	y	...	...	...	o ● at first, c, cp, oy *a* : oy, cp, bc *p* : b and c, op o *n* :
8	Nb.	Nb. : St-Cu.	St-Cu. : Ci-St.	10	10	10	10	9	2	●0	●0	...	...	...	...	o,o ●0, op and o*a* : o,op0 and o*p* : o to b ⌴ : *n* :
9	—	Cu. : Ci-St.	St. : A-St.	0	2	10	9	10	10	...	...	y	y	...	●0	b-o, oy *a* : oy, op0 *p* : op,o ● *n* :
10	Nb.	Nb.	Nb.	10	10	10	10	10	10	●	●0	●	● ≡0	●	≡0	o ● *a* : o and o ● ≡ *p* : o ●, o ≡ *n* :
11	St.	Nb. : Cu-Nb.	Nb.:Cu-Nb.:Ci-St.	10	10	9	9	8	1	≡0	...	p	p	...	...*	o ≡0, c, op ● *a*: op ● and ▲2, c, *p* : cp ●0-b *n* : [b-c *n* :
12	St. : St-Cu.	Cu. : Fr-Cu.	Fr-Cu.	10	10	6	8	1	7	...	d0	...	...	...	...	b early-o, od0, op●, bc *a*: bc, c, b *p* :
13	St.	St-Cu.	St-Cu.	10	10	10	8	8	7	d0 ≡0	● ≡0	...	...	...	...	o-o ● and d, ≡0 o *a* :o to c *p* : c-b-c *n* :
14	St-Cu. : St. : Fr-St.	St-Cu.	St. : Fr-St.	10	10	10	10	10	10	...	d0 ≡0	...	...	≡0	≡0	o, op ●0 *a* : o *p* : o ≡0 *n* : [● *n* :
15	Fr-St. : St-Cu.	Cu. : Fr-Cu.	Cu. : Ci. : Ci-St.	9	7	7	5	4	8	...	...	...	y	()	...	o to c*a* : c, bcy, bc () *p* : bc (), b, o to op
16	St. : Fr-St. : St-Cu.	Nb. : Cu.	Fr-Cu.	10	9	8	7	3	1	...	...	p	...	...	...	o,o ● ▲, ●, cp ● *a* : cp ●, c, bc *p* : b *n*:
17	Cu. : A-Cu.	Fr-Cu.:A-Cu.:Ci-St.	Fr-St. : A-Cu.	5	8	9	8	9	1	...	...	y	...	...	...	b, bc, c, oy *a* : oy, c, o *p* : o to b *n* :
18	—	Fr-Cu. : A-Cu. : Ci : Ci-St.	A-Cu. : Cu.	0	7	7	6	7	10	...	...	y	...	∞	p0	b ≡0, b ⌴, b to cy *a* : cy, bc, c *p* : c, [op0 *n* :
19	Fr-St. : St-Cu.	St-Cu.	St-Cu.:A-St.:Ci-St.	10	9	9	9	8	9	...	...	...	y	y	...	o *a* : oy, cy *p* : cy, o, op0 *n* ·
20	Nb.	St.	St. : St-Cu.	10	10	10	10	10	10	d0	d0 ≡0	≡0	≡0	...	...	o, od0 ≡0, o ≡0 *a* : o ≡0, o *p* : o *n* :
21	St.	Nb.	Nb. : A-St.	10	10	10	10	10	10	≡0	≡0	●0	d	● ≡0	≡0	o ●0 early, o ≡0 *a* : o ● p ●2 ≡0 *p* : o ● ≡0, o ≡0 *n* :
22	St.	Fr-St. : St-Cu.	Nb. : Fr-Nb. Cu-Nb.	10	10	10	10	9	10	≡0	≡⋮	...	●0p≡0	...	...	o ≡0 and o ● ≡0, o ≡⋮, op ● *a* : op ●0 ≡0 *p*: o *n* : [c, op and o *n* :
23	Nb.	St-Cu.	St-Cu.:A-Cu.:Ci-St	10	10	10	10	7	10	d0	...	...	●	...	...	od0, o and op *a* : o, o ●, op to c *p* :
24	St-Cu.	Cu. : St-Cu. : A-St.	St-Cu. : A-St.	9	9	9	7	9	10	...	...	...	...	...	●	o,op ●, ▲, c and o *a*:c and o *p* : o,o ●*n*:
25	Nb.	Cu-Nb. : St-Cu.	St-Cu. : A-St.	9	9	9	10	10	10	●	...	T	●	...	...	o, o ●, T *a* : T o, ● *p* : o to b *n* :
26	St. : St-Cu.	St-Cu.	St. : St-Cu : A-Cu.	9	5	8	10	9	9	...	...	y	y	...	...	b,opto bc, cy *a*: cy, op0, o *p* : o and c *n*:
27	Nb.	Nb.	Nb.	10	10	10	10	10	10	●0 ≡0	● ≡0	● ≡0	● ≡0	● ≡0	≡	o, ● ≡0 *a* :o ● ≡0 *p*:o ● ≡0, o ≡0, o ≡*n*:
28	St.	St-Cu.	Cu-Nb:St-Cu:A-Cu	10	10	10	10	9	10	≡0	...	...	...	p0	...	o ≡⋮ to o *a* : o, op0 *p* : o *n* :
29	Fr-St. : A-Cu.	Cu. : Ci-St.	A-Cu. : Ci-St.	2	2	8	3	8	9	...	∞	...	y	y	...	o, op0 to b, b∞ to c*a*: cy-by *p*: cy to o *n*:
30	A-St.	Nb.	Nb.	10	10	10	10	10	10	...	...	d0 ≡0	...	d ≡0	≡0	o, o ● d ≡0 *a* : o, od ≡0 *p* : od ≡0 *n* :
31	Nb.	Nb. : St-Cu.	St.	10	10	10	10	10	10	●0 ≡0	...	...	...	≡0	≡0	o ●, od ≡0 and o *a*:o and o ≡0 *p*:o ≡0 *n*:
Mean Cloud Am'nt				8·6	8·8	9·3	8·8	8·5	8·5							

201. Eskdalemuir. **June, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms.) 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Nb.	St. : A-St.	St-Cu. : A-Cu.	10	10	10	9	7	10	●0 ≡0	...	...	...	...	...	o ● ≡0 and o *a* : o to c *p* : c, bc to o *n* :
2	St-Cu. : Ci-St.	St-Cu.	St-Cu.	9	9	8	8	8	4	...	...	y	y	...	...	o, ocy *a* : cy to bc, b : *p and n* :
3	Cu. : Ci. : Ci-St.	Fr-Cu. : Ci. : Ci-Cu.	St-Cu. : Ci-Cu.	4	5	6	8	5	7	ppp	...	y	y	...	...	bc ⌴ to bcy *a* : cy, bc *p* : bc to c *n* :
4	Ci. : Ci-St.	Cu. : Fr-Cu.	St-Cu. : A-St.	3	4	7	9	10	10	...	∞	y	...	...	≡0	b, b ⌴ to bcy *a* : cy to o *p* : o, o ≡0 *n* :
5	St-Cu. : A-St.	Fr-Cu.:St-Cu.:A-St.	St-Cu. : A-St.	9	7	9	10	10	10	...	...	y	...	...	p	c, o⌴ ≡0, c to oy *a*: oy to o*p*: o,o⌴*n*:
6	St.	Nb.	Nb.	10	10	10	10	10	10	●0	...	●0 ≡0	d ≡0	● ≡0	≡⋮	o, ●, o, op *a* : o, od ≡0 and o ● ≡0 *p* : o ● ≡0 to o ≡0 *n* : [od0 ≡0 *n* :
7	Nb.	St-Cu.	St.	10	10	10	8	10	10	d ≡0	●≡0	...	...	d0	d0 ≡0	o ●, d ≡0, o ● ≡0 to o*a*:oc, od0*p*: o and
8	St.	Nb. : St-Cu. : A-St.	St-Cu. : A-St.	10	10	10	10	10	10	d0 ≡	d0 ≡0	●	...	...	...	o ≡ d to o ●0 *a* : o *p and n* :
9	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	≡0	od0 early, o *a* : o *p* : o to o ≡0 *n* :
10	Nb.	Nb. : St-Cu.	Nb.	10	10	10	10	10	10	●0 ≡0	...	...	d ≡0	d ≡0	● ≡0	o ● ≡0, o *a* : o, od ≡0 *p* : od ≡0 and o ● ≡0 *n* :
11	Nb.	Nb. : Cu-Nb. : St-Cu.	Cu. : St-Cu. : A-Cu. : Ci.	10	10	10	8	7	2	●	≡0	...	...	...	...	o ● ≡0, o ≡0, o ● T at 1235 *a* : o ●2, to c *p* : c to b *n* :
12	St-Cu. : A-Cu.	Nb.	St. : Nb.	10	10	10	10	10	10	...	●0	●0 ≡0	●0	●0	...	b to o ●0, o ●0 ≡0 *a* : o ●0 ≡0 *p* : o ●0 and o *n* :
13	St-Cu.	St-Cu.	Ci.	10	8	7	3	1	1	...	...	...	...	...	...	o, c, o *a* : c and bc *p* : b *n* :
14	Ci-St.	Cu. : St-Cu. : Ci.	St-Cu.:A-St.:Ci-St.	1	1	6	4	8	10	p	...	...	...	y	...	b, b ⌴, bc *a* : bc and cy *p* : cy, o *n* :
15	St.	St.	St. : St-Cu. : Nb.	10	10	10	10	10	10	≡⋮	≡	≡0	d0 ≡0	d0	d0 ≡0	o ≡⋮, od ≡ to o ≡0 *a* : od0 ≡0 and o ≡0 *p and n* : [bcy to c *n* :
16	Ci. : St-Cu. :Fr-St.	Cu. : Fr-Cu. : A-Cu.	Cu. : Ci-Cu. :A-Cu.	6	8	7	8	5	8	...	...	y	y	y	...	od0 ≡0, b to cy *a* : cy and bcy *p* :
17	A-St. : St-Cu.	Cu. : Ci-St.	Cu. : Fr-Cu. : Ci-St.	10	10	3	6	8	10	...	...	...	y	y	●0	c, o T ● (0555), o to b *a* : b and bcy *p* : cy, op0 ●, o ●0 *n* :
18	St. : St-Cu.	Cu : Fr-Cu. : Ci.	Cu. : St-Cu.	9	8	8	8	9	8	...	...	...	y	...	...	o ●, cy, *a*: cy, bc to o *a* : o and c *n* :
19	St. : St-Cu.	Cu. : St-Cu. : A-Cu.	Cu. : A-Cu. : Ci.	10	7	8	9	7	3	...	...	...	...	...	...	c, o p to c *a* : o to c *p* : c to b *n* :
20	St-Cu.	Cu. : A-Cu.	Cu.	9	9	3	3	1	1	pp	...	y	...	()	...	o p early, o ●0, by *a* : b, bv *p* : bv to b *n* :
21	St-Cu. : Fr-St.	Cu. : Fr-Cu. : Ci.	Cu. : St-Cu.	9	6	4	4	5	9	...	●0	...	...	...	...	c, o, o ●0, bc *a* : b and bc *p* : bc to o *n* :
22	St. : Fr-St.	St-Cu.	Cu. : Ci-Cu. : Ci-St.	8	7	8	6	9	10	≡0	...	...	...	...	...	o ≡ early, bc and c *a* : bc to o *p* : o *n* :
23	St. : A-Cu. : Ci.	Nb. : St-Cu.	St.	8	10	10	10	10	10	...	...	...	...	≡0	≡0	b to o, od and o *a* : o to o ≡0 *p* : o ≡0 *n* :
24	St-Cu.	Cu. : Fr-Cu. : St-Cu.	Cu. : St-Cu.	8	7	6	4	8	9	p	...	...	...	...	...	o ≡0, c p to bc *a* : bc, c *p* : c and o *n* :
25	St-Cu. : Ci.	Nb.	St.	4	10	10	10	10	10	...	...	≡0	...	...	≡	b, o to od0 ≡0 *a* : od0 ≡0 and o *p* : o ≡0, o ≡ *n* :
26	St.	Nb.	Nb. : St. : St-Cu.	10	10	10	10	10	10	≡0	≡	≡0	...	●0	≡0	o ≡0, o ≡, od ≡0 *a* : od0 ≡, o, o ●0 *p* : o and o ●0 ≡0 *n* :
27	St-Cu.	St-Cu.	Cu. : St-Cu.	5	8	9	9	8	3	...	...	...	()	...	...	o, bc to o *a* : o, () to c *p* : bc and b *n* :
28	St. : A-St.	Nb.	Nb.	10	10	10	10	10	10	p	●	● ≡0	≡ ●0	d ≡0	d ≡0	b early, o p,o ● ≡0 *a* : o ● ≡0 to od ≡0 *p* : od ≡0 *n* :
29	St-Cu.	Nb. : St-Cu.	St. : St-Cu.	8	9	9	10	9	7	...	...	● p	...	...	...	od ≡0, c and op ● *a* : o, c and op0 ● *p* : o, c, o ●0 *n* :
30	St-Cu. : Ci. :Ci-St.	St-Cu. : Ci.	St-Cu.	9	9	7	7	7	4	...	...	...	...	...	...	o ●0, o to c *a* : bc and c *p* : c to bc *n* :
Mean Cloud Am'nt				8·3	8·4	8·2	8·0	8·1	7·9							

202. Eskdalemuir. **July, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu. : A-Cu. Ci-St.	St-Cu.	St-Cu. : A-St.	5	9	8	6	10	10	...	●0p	...	y	...	...	bc, op0 ●0 to c a : c, bcy to o p : o n :
2	Nb. : Fr.-Nb. : A-St.	St-Cu.	Nb.	10	10	10	10	10	10	●0	...	...	●0 p	●0 p	...	o ●, o ●0 to o a : o op ●0 p and n :
3	Cu-Nb. : Nb. : Ci.	St-Cu. : A-St.	Nb.	8	10	9	10	10	10	...	●0	...	●0	●	● ≡0	o, op0 ● a and p : o ● ≡0 n :
4	Cu. : St-Cu. : A.-Cu	St-Cu. : Ci-St.	St-Cu.	7	9	9	10	8	5	...	...	...	...	...	...	o, op0 ● c a and p : b c to b n :
5	Nb. : St-Cu. : Ci-St.	St-Cu.	Cu-Nb. : St-Cu.	9	8	10	9	10	10	...	...	...	...	...	●	c and op0 ● a and p : o to o ● n :
6	Nb : St-Cu.	Cu-Nb. : Ci. : Ci-St.	Cu. : Ci-Cu. : Ci-St.	10	10	8	8	7	10	...	...	...	...	...	● ≡0	bc, o, op0 ● c a : c, bc p : c, o ● ≡° n :
7	Nb.	Nb.	Nb. : St-Cu.	10	10	10	7	9	8	● ≡0	...	● ≡0	...	●0 p	...	o ● ≡0 op ● ≡0 a : c op ● p : op ● c n :
8	St. : St-Cu.	St. : St-Cu.	St.	10	10	10	10	10	10	...	...	...	...	...	...	o, od0, o a : o p and n :
9	St.	Fr.-Cu. : A-Cu.	St-Cu. : Ci.	10	8	8	7	4	1	≡0	...	...	...	...	...	o, o ≡ c a : c, bc p : bc, b n :
10	St.	Nb.	Nb.	10	10	10	10	10	10	≡0	≡	●	d	d ≡	≡	b, o ≡ o ● a : od ≡0 p : o ≡ n :
11	Nb.	Nb.	St.	10	10	10	10	10	10	●0 ≡0	●0 ≡0	d ≡0	d0 ≡0	≡0	≡	o ● ≡ od ≡0 a and p : o ≡0 o ≡ n :
12	A-Cu.	A-St. : Ci-St.	Nb. : A-St.	1	1	1	8	10	10	∞	∞	y	y∞	p0	≡0	∞ y a : ☈ KQ, 16h 56m and 18h 17m p: o ≡0 n :
13	St.	Nb.	Nb. : St-Cu.	10	10	10	10	8	2	...	...	Kq	...	...	...	≡0 op0 ● a : o KQ, op ● p : cv, b n :
14	Cu-Nb. : St-Cu.	Cu. : St-Cu.	St-Cu. : A-Cu.	9	8	8	8	9	10	...	...	...	...	...	≡0	bc o c a : c o, ≡0 p and n :
15	St.	St-Cu.	Fr.-Cu. : A-Cu. : Ci-Cu.	10	10	10	7	6	10	...	...	...	...	...	...	o ≡0 early, o a : o, bc p : bc, o n :
16	Nb.	Nb. : St-Cu.	Nb. St-Cu.	10	9	9	10	9	10	● ≡0	...	...	...	...	d0	● ≡0, o a : o p ● c p : o ● od0 n :
17	St.: St-Cu.	Nb. : St-Cu.	Nb : St-Cu.	10	10	10	10	10	9	...	●0	...	d0	●	...	od0, op ● a : od0, o ● p : o ●0 n :
18	St-Cu. : A-Cu.	Cu : St-Cu.	Cu. : St-Cu.	9	10	10	8	8	8	...	...	...	●0 p	...	...	o, op ●0 a : o, op0 ● to c p : c n :
19	St-Cu. : A-Cu.	Cu.	Cu.	10	10	6	6	1	2	...	...	...	...	...	◗	o, bc a : bc, b p : b, b ◗ n :
20	St-Cu. : Ci.	Cu. : St-Cu. : A-St.	St-Cu. : A-Cu.	8	10	9	9	9	9	...	...	...	●0	...	...	bc, c, o a : o T, ● o ●0 p : o n :
21	Nb.	St.	St. : Nb.	10	10	10	10	10	10	●	●0	...	●0	j ●0	...	o, o ● to o ●0 a : o, o ●0 p : o n :
22	St. : St-Cu. : A-Cu.	St-Cu.	St-Cu. : A.St. : A-Cu.	9	6	9	10	9	10	...	...	...	...	...	...	o, bc to o a : o p and n :
23	St. : St-Cu.	St-Cu.	St. : Cu. : St-Cu.	9	6	10	10	7	4	◗	...	...	● ≡0	...	...	o ◗ bc, o a : o ●0 ≡0 c p : c bc n :
24	St. : St-Cu.	St-Cu.	St-Cu.	9	9	8	8	6	7	...	...	...	...	...	...	bc, op0 ● to c a : c, bc p and n :
25	St-Cu. : Ci.	St-Cu.	St-Cu. : A-Cu. : Ci.	6	9	10	9	8	9	...	...	...	...	...	...	bc to o a : o p : o, c, p0 ● n :
26	St-Cu. : A-Cu.	Cu. : St-Cu. : Ci.	Cu. : St-Cu.	9	9	8	8	9	9	...	...	...	...	...	...	o, op0 ● c a : c, bc, o p : o n :
27	St. : Ci-St. : Ci.	Cu. : A-Cu. : Ci-St.	A-St.	5	9	8	9	10	9	◗	...	...	...	...	d0	bc, o, c ⊕ 10h·12m a : c, o p : o, od0o, ● n :
28	St.	Nb.	Nb.	10	10	10	10	10	10	≡0	d0	d0	d0	d0	● ≡0	● od0 ≡0, a : od0, o p : o, od0, ● n :
29	Nb.	Nb.	St.	10	10	10	10	10	10	●	i ●0	d	...	...	...	● ≡0, ●, od a : od, o p : o, od0, o n :
30	St. : Fr-St.	St.	St. : St-Cu.	10	10	10	10	10	8	...	...	...	...	...	...	o, od, o a : o, od0, o ●0 p : o, c n :
31	St. : Fr.-St. : A-Cu.	St-Cu.	Nb. : A-St.	10	10	8	10	10	10	...	...	...	...	i ●	●0	c, op ●0 a and p : op ●2 o ●0, n :
Mean Cloud Am'nt				8·8	9·0	9·1	8·9	8·6	8·4							

203. Eskdalemuir. **August, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Nb.	Nb.	Nb.	10	10	10	10	10	10	●	...	● ≡0	● ≡0	● ≡0	● ≡0	o ● to o ● ≡0 a : o ● ≡0 p and n :
2	Cu. : St-Cu.	Cu. : St-Cu.	Cu. : St-Cu.	7	6	8	8	8	10	...	...	...	...	...	...	o ●, c, bc a : c, o p : c, o ●, o n :
3	St.	Nb.	Nb.	10	10	10	10	10	9	...	...	●0	...	≡0	...	o c o ●° a : o ●0 od ≡0 p : od ≡0, bc n :
4	St. : St-Cu.	St-Cu.	St-Cu. : A-Cu. : Ci-St.	9	8	9	9	9	10	...	...	...	...	...	...	bc, o a: o c p : o n :
5	Nb.	Nb. : St-Cu.	Cu. : St-Cu.	10	10	10	8	2	8	d0 ≡0	p0	p0	...	...	●0	o ●2 ≡0, op ● a : op ●, b p : b, c ●0, bc n :
6	St-Cu.	St-Cu.	Cu. : St-Cu. : Ci.	10	10	10	9	4	1	...	d°	...	...	...	...	bc, od0, o a : △, 16h.55m, bc p: bc, b n :
7	St-Cu. : A-Cu.	Cu. : St-Cu.	Cu. : A-Cu.	9	7	4	4	3	1	...	...	...	...	...	...	bc o, op ●, bc a : bc, c p : b n :
8	A-Cu.	Cu. : A-St. : A-Cu.	Nb. : St-Cu.	1	4	10	10	10	7	◗	◗	...	...	...	...	b ◗, bc, o a : o to c p and n :
9	St.	Cu. : St-Cu : A-Cu.	St.-Cu : Ci-St. : Ci.	10	8	9	9	9	8	◗	◗	...	...	...	...	b, o ◗, c a : o, c p and n :
10	St.	St-Cu. : A-St.	St-Cu : A-St.	10	9	10	7	10	10	◗ ≡0	◗	...	...	...	≡0	o ≡0 ◗◗ c a : o p : o, o ≡0 n :
11	St. : St-Cu.	Nb.	Nb. : Fr.-Nb.	10	10	10	10	10	10	...	●0 p	● p	●p	...	≡0	≡0 op ●0 a : o p ●, ● ≡0 p : o ●0 ≡0 n:
12	St.	St-Cu. : A-Cu.	Cu-:Fr.-Cu.:A-Cu.	10	10	8	8	5	9	...	...	...	...	...	...	o ≡0, op ●0, c a : c, o, bc p : bc, o n :
13	St-Cu.	Cu-Nb. : Cu.	Fr.-Nb. : St-Cu.	2	4	8	10	10	10	◗	◗	...	●0 p	☈q ≡0	●0	b ◗, op ●0 a : ●2 ☈ 14h37m △ q, p : o ●, c n :
14	St.	Nb.	Nb.	10	10	10	10	10	8	◗ ≡0	◗	...	●0	●0 ≡0	●0 ≡0	... o ≡0 op ● a : o, o ● ≡0 p : o, op ●, c n :
15	Cu. : Fr.-Cu.	St-Cu.	Fr.-Cu. : Ci.	4	7	8	6	6	9	...	...	...	...	...	...	b, bc ⌊, c, p ● a : cp ●0, bc p : bc, o n :
16	St.	Nb. : Fr.-Nb.	Cu.	10	10	10	10	7	1	...	...	●	●	...	...	o ● a : o ●, KQ 14h14m, bc p : c bc n :
17	St. : St-Cu.	Nb. : St-Cu.	Nb.	9	10	9	10	10	10	...	...	...	●	●	●°	o ≡ : o op ● a : op ●, o ● p : o ●0 n :
18	Cu : St-Cu. : A-Cu.	Nb. : St-Cu	Cu. : St-Cu. : A-Cu.	8	9	8	7	8	8	...	...	...	...	...	...	oc, cp ●0 a : cp0 ●, c p : c, bc n :
19	St-Cu. : Ci-St.	Cu. : St-Cu.	Nb. : St-Cu.	8	9	9	9	10	10	...	...	...	...	●0 p	p0	c, o a : o, op ● p : o op0 ●, od n :
20	Nb. : St. : A-St.	Nb. : St-Cu.	St. : Nb.	10	10	10	10	10	10	≡0	d0	●0	●	● ≡0	●0 ≡0	od ≡0, o ●0 a : o, ● ≡0 p and n :
21	St-Cu. : A-St.	Nb. : St-Cu.	Nb. : St-Cu.	9	9	9	8	10	10	...	...	...	...	●0 p	...	o, o ●, a : c, opo, ● p : o ●0 n :
22	St : St-Cu : A-St.	Nb. : Cu-Nb.	Nb. : St-Cu. : A-St.	10	9	10	9	9	10	...	...	●	...	●0 p	...	o, T 1058, o ● ≡0 a : o, op ●0 p and n :
23	Nb. : A-St.	St-Cu : A-St.	St-Cu. : A-St.	10	7	10	9	9	10	● q	...	...	...	...	...	o, o ● q, c o a : o, op0 ● p : o, co n :
24	St. : St-Cu : A-Cu.	Cu. Nb. : A-St.	Cu-Nb. : Fr.-Cu. : Ci-St.	9	8	9	9	5	3	...	...	...	...	...	...	o, co a : op ●, o ● bc p : bc, b n :
25	St. : St-Cu.	Nb. : St.	St. : St-Cu.	10	10	10	10	8	3	...	...	●0	d ≡0	...	...	b, o a : o ●0, od ≡0, c p : c, bc, b n :
26	St. : A.Cu. : Ci-St.	Nb. : St-Cu.	Nb. : St-Cu.	9	10	10	10	9	7	...	...	●	...	...	...	op0 ●, o ● a : o ●, op, c p : o, c n :
27	St. : St-Cu.	Cu : St-Cu.	Nb. : St-Cu.	9	9	7	8	8	5	...	...	...	●2	●0 p	...	op ●, c a : o ●2, cp ● p : c, op ●, bc n :
28	Nb.	Nb.	Nb.	10	10	10	10	10	10	●0	d ≡0	0 ≡0 d	≡0 ●	≡0 ●	≡0	bc, o ●0, od ≡0 a : o ● ≡0 p : o ● ≡ n :
29	St. : St-Cu.	Nb.	Nb.	10	9	10	10	10	10	...	d0	d0	d	d ≡0	d ≡0	o ● ≡0, od a : od ≡0 p : o, od ≡0 n :
30	St.	St-Cu.	St. : St-Cu.	10	10	10	10	9	9	...	...	...	...	...	...	od ≡0, o ≡0, o a o p and n :
31	St.	Nb. : St-Cu.	St.	10	10	9	9	10	10	...	d ≡0	p0	...	...	...	o, od ≡0, op0 a : o, op ● p : opd, o n :
Mean Cloud Am'nt				8·8	8·8	9·2	8·9	8·3	7·9							
Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.

204. Eskdalemuir. **September, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Nb. : St. : St-Cu.	St-Cu. : Nb.	St-Cu. : Nb.	10	9	9	9	9	1	...	...	...	...	p_0	...	o ●, o *a* : o, op ●, co *p* : co, bc b *n* :
2	St-Cu. : A-Cu.	St-Cu. : Cu.	St-Cu.	6	3	8	5	1	10	...	...	...	...	...	...	b, bc, c *a* : c, bc, b *p* : b, o *n* :
3	St-Cu. : Cu.	Cu. : Fr-Cu.	Cu.	7	3	6	3	3	1	...	...	...	...	...	☔	bc, c, b *a* : bc and b *p* : b, b ☔ *n* :
4	St-Cu. : Fr-St.	St-Cu : Cu. : Fr-Cu.	A-Cu. : Fr-Cu.	10	10	7	5	8	6	...	...	y	y	...	...	b ☔, cy *a* : cy, bcy, c *p* : c, bc *n* :
5	St. : Nb.	St. : St-Cu.	St-Cu. : A-St.	10	10	9	9	10	9	...	...	...	...	...	...	bc, op ●, o *a* : o, op, o *p* : o *n* :
6	St. : St-Cu.	Cu.	Fr-St.:St-Cu.:Ci.	10	10	8	9	9	10	...	...	...	...	...	...	o, ojp, c *a* : c, op_0, c *p* : o *n* :
7	St. : Nb.	St. : Nb. : St-Cu.	St. : Nb.	10	10	10	10	10	10	●^{0} ≡^{0}	●	●^{0}	...	● ≡^{0}	● ≡^{0}	o, o ● ≡^{0}, o i ●~ *a* : o, o ● ≡^{0} *p* : o ●, o i ● ≡^{0} *n* :
8	St.	St. : St-Cu.	Nb. : Fr-Nb. : A.-St.	10	10	9	10	9	10	...	...	...	●^{0} p	...	●	o, op_0 ●, *a and p* : o, o ● *n* :
9	St. : St-Cu.	St. : St-Cu.	St.:St-Cu.:A-St.	10	10	10	10	9	4	...	d_0	...	...	...	...	●, opd, o *a* : o *p* : o to b *n* :
10	—	St-Cu.	St-Cu.: A-St.:A-Cu.	0	2	8	9	9	10	☔	...	...	...	...	●^{0}	b ☔, c *a* : c and o *p* : op_0 ●, o ● ≡^{0} *n* :
11	Nb.	St. : St-Cu.	St-Cu. : A-St.	10	10	9	9	10	10	d	d ≡^{0}	...	...	...	●^{0}	o ● ≡^{0}, od ≡^{0}, o *a* : op_0 ● *p* : o ●^{0}, d_0 *n* :
12	St.	St-Cu.	Nb. : St-Cu. :A-St.	10	10	9	10	10	10	...	d ≡^{0}	...	...	●$^\circ$ p	q	od_0 ≡^{0}, c, opd, *a* : op ●^{0} *p* : o, o ●, oq *n* :
13	St.	Cu. : St-Cu. : Ci-St.	Nb. : A-Cu.	10	9	4	4	4	3	...	...	...	...	...	...	●$^\circ$, bc *a* : bc, op ●, bc *p* : bc, cp, b *n* :
14	Ci.	St-Cu.	Nb.	2	4	10	10	10	8	≡^{0}	...	...	● p	●	...	b, b ≡, op, *a* : op ●, c, *p* : o ●^{2} q, c *n* :
15	St.	Nb.	Nb.	10	9	10	10	10	8	...	...	●	●^{0}	● ≡^{0}	...	o, op_0, o ●^{0} *a* : o ●, ●^{2} *p* : o ●^{2} ≡^{0}, c *n* :
16	St. : Fr-St.	St. : Nb.	Nb.	10	10	10	10	10	10	...	...	p_0	● ≡^{0}	d_0 ≡	...	op_0 *a* : ● ≡^{0}, d ≡^{0} *p* : od ≡^{0}, o *n* :
17	St. : Fr-St. : Ci.	St-Cu.	St-Cu.	9	10	10	9	10	9	...	d ≡^{0}	...	...	...	...	o, ●^{0} ≡^{0} *a* : o ●^{2} q, c, op ●^{2}, b, o *p* : c, o *n* :
18	St-Cu. : Fr-St.	St-Cu.	St-Cu. : Ci.	8	10	9	2	6	8	...	● ≡^{0}	...	...	...	...	●, c, ● *a* : o, b, b (), bc *p* : bc, c *n* :
19	Fr.-St. : Ci.	St-Cu.	St. : St-Cu.	6	9	10	9	10	10	☔	☔	...	...	...	●^{0}	bc ≡^{0} ☔, o, c, *a* : o *p* : o, o ●^{0} *n* :
20	St-Cu.	St-Cu.	Nb. : A-St.	10	6	10	10	10	10	...	...	...	...	●^{0}	●^{0}	o ●, bc, o *a* : o, o ●^{0} *p* : o ● *n* :
21	Nb. : St-Cu.	Cu.	Cu. : Ci.	9	9	7	9	7	2	d	p	...	●	...	...	o ● q ⩻, od, cp, bcp_2 *a* : bc, o ▲^{2} ●, c *p* : c, b *n* :
22	St.	Nb. : St-Cu.	St-Cu : Ci-St.	10	9	9	5	4	5	≡	...	● p	v	...	...	b, o ≡ ☔, op ●, *a* : bc △, cp, bc *p* : bc, o ●, *n* :
23	Nb.St-Cu:A-St.	St. : St-Cu.	St. : St-Cu.	9	10	10	9	9	10	●	●^{0}	...	●^{0}	...	...	o ●, o ●^{0} *a* : o ● *p* : o ●, o *n* :
24	Cu.:St-Cu.:Ci-St.	St-Cu.	St-Cu. : Ci.	5	8	7	7	5	3	...	...	...	...	...	...	o, b, o, bc *a* : c, bc, cp, *p* : bc, b, b ☔ *n* :
25	—	Cu. : St-Cu.	Cu-Nb. : St-Cu.	0	4	8	9	8	2	≡ ☔	≡^{0} ☔	...	...	...	...	b ☔, b ☔ ≡ to c *a* : c and o *p* : c, b *n* :
26	St. : Fr-St.	St. : St-Cu.	St-Cu.	10	9	10	9	5	1	...	●^{0} p	...	...	...	...	b, o, p ●^{0}, ●^{0} *a* : o, c, bc *p* : bc, b *n* :
27	St-Cu. : A-Cu.	St-Cu.	Fr-Cu.	7	9	9	7	2	1	☔	☔	...	...	...	...	b ⌊, b ☔, o *a* : o to b *p* : b, bc *n* :
28	St.	Nb.:St-Cu.-Ci-St.	Nb.:St-Cu.:A-St.	10	9	10	10	10	10	...	...	...	q	q	q ●	c, o, op_0, o *a* : oq, op ● *p* : oq ● *n* :
29	Nb.	St. : Nb.	St-Cu.	10	10	10	10	10	10	●	d_2 ≡^{0}	●	...	...	●^{0} ≡^{0}	o ●^{2} ●, od_2 ≡^{0} *a* : o, op ●^{0} *p* : o, oi ●^{0} ≡^{0} *n* :
30	St. : A-St.	St. : Nb.	St-Cu.	10	10	10	10	9	9	...	...	●^{0}	●	...	...	o, o ●^{0}, od_0 *a* : oi ●, ● o *p* : o *n* :
Mean Cloud Am'nt				8·3	8·4	8·8	8·2	7·9	7·0							

205. Eskdalemuir. **October, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Ci.	Cu. : St-Cu. : Ci-St.	St-Cu.	1	2	7	8	9	10	⌊	...	...	...	...	d_0 p	o, b, b ⌊, c *a* : c, o *p* : o, opd_0 *n* :
2	Nb.	St.	Nb.	10	10	10	10	10	10	d_0	e	...	...	d_0 ≡^{0}	≡^{0}	oi d_0, oc, *a* : o, oi d_0 ≡^{0} *p* : o ≡^{0} *n* :
3	St. : St-Cu. : A-St.	St. : St-Cu.	St. : St-Cu.	9	10	9	9	10	9	...	g ≡^{0}	...	...	≡^{0}	...	oi d_0, og ≡^{0} *a* : o, o ≡^{2} *p* : o ≡^{0}, o *n* :
4	St. : A-Cu.	Cu.	St-Cu. : A-St.	9	8	5	9	10	10	≡^{0}	≡^{0}	...	...	...	●^{0}p≡^{0}	o ≡⋮, bc *a* : bc, o *p* : p ●^{0} ≡^{0} *n* :
5	St.	Nb.	Nb.	10	10	10	10	10	10	≡^{0}	≡^{0}	d ≡^{0}	d_0	●^{0}	●^{0}	op ● ≡^{0}, o ≡⋮, od ≡^{0} *a* : o and od_0 *p* : o ●^{0} *n* :
6	St-Cu. : Ci.	St-Cu.	St-Cu.	8	9	9	10	10	9	...	...	...	●	...	...	o, bc, c, op *a* : o ● q, o *p* : oi ●, o *n* :
7	St-Cu.	St-Cu.	St-Cu.	9	10	7	8	8	10	...	...	...	...	...	●^{0}	oi ●, op, bc *a* : bc, c *p* : c, b, o ●^{0}, ⊓ 19h–20h *n* :
8	A-St. : Ci.	Fr-Cu.	A-Cu.	5	7	4	7	1	9	⌊	...	...	...	...	...	b ⌊, c, bc *a* : bc, b *p* : b, o *n* :
9	St. : St-Cu.	St-Cu.	Nb.	4	8	10	10	10	10	...	...	...	...	d	d	b, bc, o *a* : o, o ●, od *p* : o and od *n* :
10	St-Cu.	St-Cu. : Ci-St.	Nb.:St-Cu. : A-St.	9	7	9	10	10	10	...	...	...	p_0	d_0	d_0	o ●, bc, *a* : op_0, d_0 *p* : od_0, o ● *n* :
11	St-Cu. : Ci-St.	St-Cu.	Nb. : St-Cu. : A-St.	4	9	8	10	10	10	...	...	...	p_0	...	...	b, o, c *a* : c, op ●, o *p* : o *n* :
12	St-Cu.	Cu. : Fr-Cu. : Ci.	A-Cu. : Ci-St.	8	8	7	8	7	10	...	...	...	...	...	...	bc, c *a* : c *p* : o *n* :
13	Fr-Nb.:St-Cu.:A-St	Fr-Cu. : Ci-St.	St-Cu.	10	8	3	2	5	7	p_0	...	...	...	...	≡⋮	op ●^{0}, b *a* : b, bc *p* : bc, c ≡⋮ *n* :
14	—	Ci.	—	0	1	1	0	0	0	≡	≡^{0}	≡^{0}	...	...	...	≡⋮, b ≡^{0} *a* : b ∞, b, *p* : b *n* :
15	—	—	—	0	0	0	0	0	0	☔	...	...	...	...	≡⋮	b, b ☔, b *a* : b *p* : b, b ≡⋮ *n* :
16	St.	St.	Nb.	10	10	10	10	10	9	≡^{0}	≡^{0} e	≡^{0}	d_0 ≡^{0}	d ≡^{0}	...	≡⋮, o ≡^{0} *a* : o, od_0 ≡^{0} *p* : od ≡^{0}, p ●, o *n* :
17	Cu.	Cu. : Fr-Cu.	St-Cu.	1	1	4	5	9	9	...	...	...	...	...	...	c, bc *a* : bc, o *p* : o and c *n* :
18	St-Cu.	St-Cu. : A-St.	Nb. : A-St.	10	10	10	10	10	10	...	...	...	●	●	● ≡^{0}	o *a* : o, o ● *p* : o ●, o ● ≡^{0} *n* :
19	Nb.	St.	Nb. : St. : St-Cu.	10	10	10	9	10	10	d_0 ≡^{0}	d_0 ≡^{0}	...	p_0	d_0	...	o ≡⋮ early, od ≡, o ≡⋮ to o *a* : o, o ●^{2}, od *p* : oid, op ●^{0} *n* :
20	Nb. : St-Cu.	St-Cu. : A-Cu.	St-Cu.	9	9	8	10	9	10	...	...	...	...	...	...	o, op ●^{0}, bc, c *a* : c, o *p* : o *n* :
21	St.	St. : Nb.	St-Cu. : A-St.	10	8	10	10	10	6	...	...	●	...	...	...	o, c, o ● *a* : o, oi ●^{0} *p* : o, c, bc *n* :
22	St-Cu. : Ci. : Ci-St.	St-Cu.	St-Cu.	2	8	9	8	8	7	⌊	...	...	...	...	...	b, b ⌊, o *a* : o, c, *p* : c *n* :
23	St.	St.	—	10	10	10	9	0	0	...	...	...	...	≡^{0}	≡^{0}	o *a* : o, b *p* : b ≡°, b ⌊ *n* :
24	Ci-St.	Ci-St.	—	1	1	1	5	0	0	⌊	...	...	...	...	...	b ⌊, b *a* : b, and bc *p and n* :
25	St-Cu.	St.	St.	5	9	10	10	10	10	...	...	...	...	≡^{0}	≡^{0}	bc, c, b to o *a* : o, od_0, o ≡^{0} *p* : o ≡^{0}, e ≡^{0} *n* :
26	St-Cu.	St-Cu. : A-St.	Nb.	10	9	10	10	10	10	≡^{0}	≡^{0}	≡^{0}	≡^{0}	● ≡^{0}	● ≡^{0}	o ≡^{0} *a* : o ≡^{0}, op^0 *p* : o ● ≡^{0} *n* :
27	St.	St.	St.	10	10	10	10	10	10	...	≡^{0} d_0	...	≡^{0}	≡^{0}	●$^\circ$ ≡^{0}	o, ● ≡^{0}, o, oid^0 ≡^{0}, o *a* : o ≡^{0} *p* : o ≡^{0}, o ● ≡^{0} *n* :
28	Nb.	St.	St.	10	10	10	10	10	10	d_0	d ≡^{0}	≡^{0}	●^{0} ≡^{0}	≡^{0}	≡	o ●^{0} ≡^{0}, od ≡^{0} *a* : o ●^{0} ≡^{0} and o ≡^{0} *p* : o ≡^{0} to o ≡ *n* :
29	Nb.	Nb.	St. : Nb.	10	10	10	10	10	10	d ≡^{0}	d_0 ≡^{0}	d ≡^{0}	≡^{0}	● ≡^{0}	≡^{0}	o ≡, od_2 ≡^{0} *a* : o, o ● ≡^{0} *p* : oi ● ≡^{0}, o ≡^{0} *n* :
30	Nb.	Nb.	Nb.	10	10	10	8	10	6	●^{0}	...	●^{0}	jp$_0$	d_0 ≡^{2}	...	o ≡^{0}, o ●^{0}; op ●^{2} *a* : o ●, od_2 ≡^{0} *p* : od_2 ≡^{0}, o ●, bc *n* :
31	Nb.	St. : St-Cu.	St-Cu.	10	10	8	8	6	4	●	...	...	...	...	...	b, o ●^{0}, op ● to c *a* : op ●, bc *p* : bc *n* :
Mean Cloud Am'nt				7·2	7·8	7·7	8·2	7·8	7·9							

Day. | Cloud Forms. 7h | 13h | 18h | Cloud Amount (All Forms). 7h | 9h | 13h | 15h | 18h | 12h | Weather. 7h | 9h | 13h | 15h | 18h | 21h | Remarks.

206. Eskdalemuir. **November, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St. : St-Cu.	St. : St-Cu.	Nb.	5	10	10	10	10	9	...	...	...	d_0	●^{2}	...	op ●, bc to o, *a* : o, od_0 to o ● ≡^{0} *p* : o ● ≡^{0}, c and o *n* :
2	St.	Nb.	St-Cu.	10	10	9	9	10	9	...	● ≡^{0}	● ≡^{0}	...	...	...	o, o ●, o ● ≡^{0}, c, o ● ≡^{0} *a* : o ● ≡^{0}, c and o *p* : o *n* : [⍾ at 21h
3	Fr-Cu. : Ci-St.	Cu. : Fr-Cu. : Ci-St.	St-Cu.	3	4	3	4	1	1	⌴	...	...	...	...	⌴	b, b ⌴, b *a* : bc, b *p* : b, b ⌴ *n* :
4	Ci-St.	St-Cu. : A-Cu.	St-Cu. : A-Cu.	1	4	7	7	8	10	⌴	...	...	...	...	d_0	b ⌴ to c *a* : c *p* ; c, od_0, o *n* :
5	St-Cu.	Cu. : Fr-Cu.	A-St.	8	6	3	8	1	0	...	...	...	u	...	⌴	c, bc to b *a* : b, cu, b *p* : b, b ⌴ *n* :
6	A-Cu.	Fr-Cu.	St-Cu.	1	0	1	7	9	10	⌴	⌴	...	...	...	...	b ⌴, b *a* : bc, o *p* : o *n* :
7	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	d_0	o *a and p* : o, oid_0 *n* :
8	St. : St-Cu.	St-Cu.	St-Cu.	10	10	10	10	7	7	...	...	...	...	...	...	o *a and p* : o and c *n* :
9	St-Cu.	Cu. : Fr-Cu. : Ci.	A-St. : A-Cu.	10	8	8	8	7	1	...	...	...	...	...	...	bc, o and c *a* : c *p* : c to b *n* :
10	St.	Ci-Cu.	St-Cu.	10	9	1 1	1	1	10	≡^{0}	≡^{0}	...	...	...	≡^{0}	bc, o ≡^{0}, b *a* : b *p* : b, c, o ≡^{0} *n* :
11	St. : St-Cu. : A-St.	Nb.	A-St. : Ci-St.	9	10	10	10	7	10	≡^{0}	...	d ≡^{0}	d ≡^{0}	≡^{0}	≡⋮	o and c ≡^{0}, o, od ≡^{0} *a* : od ≡^{0}, c ≡^{0} *p* : c ≡^{0}, o ≡⋮ *n* :
12	Cu.	Cu.	—	1	0	1	1	0	3	⌴	⌴	...	...	⌴	⌴	o ≡⋮ b ⌴, b *a* : b, b ⌴ *p* : b ⌴ *n* :
13	St-Cu.	Fr-Cu.	—	1	1	1	2	0	0	⌴	⌴	...	...	⌴	⌴	b ⌴ to b *a* : b, b ⌴ *p* : b ⌴ *n* :
14	St.	St. : St-Cu.	St.	10	10	10	10	10	10	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	b ⌴ early, o ≡^{0} *a* : o ≡^{0} *p and n* :
15	St. : A-St.	St. : St-Cu. : A-St.	St.	10	9	7	4	10	7	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	≡^{0}	o ≡^{0} to c ≡^{0} *a* : bc ≡^{0}, o ≡^{0} *p* : c ≡^{0} *n* :
16	—	Ci-St.	Ci-St.	0	6	3	8	6	3	⌴ ≡^{0}	⌴	∞	...	⌴ ≡^{0}	... ≡^{0}	c ≡^{0} early, b ⌴, b∞ *a* : bc ≡^{0} ⌴ *p* : b ≡^{0} ⌴ *n* :
17	St.	St.	St.	10	10	10	10	10	10	⌴ ≡^{0}	≡^{0}	≡	≡⋮	≡⋮	≡⋮	b ≡^{0} ⌴ o ≡^{0} ⌴, o : *a* : o ≡⋮ *p and n* :
18	St.	St-Cu. : Ci. : Ci-St.	St-Cu.	10	10	5	8	2	0	d_0 ≡	≡⋮	...	...	...	...	o ≡⋮ to 10.30, bc *a* : bc, c, b *p* : b *n* :
19	A-St.	St. : A-Cu.	St-Cu.	3	7	8	8	10	9	⌴	⌴	...	...	...	...	b ⌴ to c ⌴, c *a* : c, op ●^{0} *p* : o, od_0, o *n* :
20	St-Cu.	St. : St-Cu.	St-Cu.	9	8	10	10	10	10	...	...	...	...	...	...	c, oq, co *a* : o *p and n* :
21	Fr-Nb. : St-Cu.	St-Cu.	St-Cu.	8	9	10	10	10	10	...	...	...	...	...	●	c and o : *a* : o *p* : o, o ● *n* :
22	Nb.	Nb.	Nb.	10	10	10	10	10	10	● ≡^{0}	● ≡	● ≡^{0}	● ≡^{0}	● ≡^{0}	≡ ●^{0}	o ● ≡^{0}, o ● ≡ : *a* : o ● ≡^{0} : *p* : o ● ≡^{0}, o ● ≡^{0} *n* : [o ● *n* :
23	St.	Nb.	Nb.	10	10	10	9	10	10	●^{0}	● ≡	● ≡^{0}	≡^{0}	● ≡	●	o ●, o ● ≡, o ● ≡^{0} *a* : o ≡^{0}, o ● ≡ *p* :
24	St.	Nb.	St-Cu.	10	10	10	10	10	10	≡^{0}	●^{2} ≡	●^{2} ≡^{0}	≡^{0}	≡^{0}	● ≡^{0}	o ●, o ●^{2} ≡^{0} *a* : o ● ≡^{0}, o ≡^{0} *p* : o ≡^{0}, o ● ≡^{0} *n* : [o, o ●^{0} *n* :
25	St.	St. : A-St.	St-Cu.	10	10	10	9	10	10	≡^{0}	≡^{0}p	●^{0} ≡^{0}	...	...	● ≡^{0}	op ●^{0} ≡^{0}, o ≡^{0} *a* : op ● ≡^{0}, o *p* : [o ● : *n* :
26	St$_2$: Nb.	Nb.	St. : St-Cu.	10	10	10	10	10	10	●^{0} ≡$_0$	≡^{0}	● ≡^{0}	●^{0} ≡^{0}	≡^{0}	●	o ●^{0} ≡^{0}, o ● *a* : o ● ≡^{0}, o ≡^{0} *p* :
27	Nb. : St-Cu.	St. : St-Cu.	Nb. : St-Cu.	10	9	10	10	10	10	●^{0}	...	...	...	●^{0}	●^{0} ≡^{0}	o, o ● *a* : o, o ● *p* : o ● ^{0} ≡^{0} *n* :
28	St-Cu. : Ci.	St. : St-Cu.	St.	7	1	8	1	2	0	...	...	...	...	≡^{0}	≡^{0}	o ≡^{0}, c, b, pd *a* : b, b ≡^{0} *p* : b ≡^{0}, b ⌴ at 23h *n* :
29	Nb.	St. : St-Cu.	St-Cu.	10	10	9	9	10	6	●	...	...	...	...	...	bc, o ●, op ● *a* : o, c, o *p* : o, bc *n* :
30	St-Cu.	St-Cu. : A-St.	Nb.	8	9	9	9	10	10	...	...	...	...	●^{0}	...	c, op ● c *a* : op, o ●^{0} *p* : o ●, o *n* :
Mean Cloud Am'nt				7·5	7·7	7·4	7·7	7·4	7·2							

207. Eskdalemuir. **December, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St. : St-Cu.	St-Cu.	10	10	9	8	10	9	≡^{0}	● ≡^{0}	...	...	...	...	o ● ≡^{0}, o *a* : c, o *p* : o, c, o *n* :
2	St-Cu.	St-Cu.	St.	7	9	10	10	10	7	...	...	...	...	d_0	d_0	o, bc, op_0 : *a* : op_0, oe, od_0 : *p* : od_0, cd_0 *n* :
3	St-Cu.	Nb. : St-Cu.	St-Cu.	10	10	9	10	9	10	...	●^{0}	...	...	...	...	o, o ●^{0}, c *a* : o ●^{0}, o *p* : o *n* :
4	St.	Nb.	Nb.	10	10	10	10	10	10	...	...	● ≡^{0}	d ≡^{0}	● ≡^{0}	●	o, o, o ● ≡^{0} *a* : od ≡^{0}, o ● ≡^{0} *p* : o ● ● *n* : [Kq at 2205 *n* :
5	St.	Nb. : St-Cu.	St-Cu.	9	9	9	9	9	9	...	...	≡^{0}	...	...	...	o, op, o ≡^{0} *a* : o, cp_0, o *p* : o, o ●,
6	St-Cu.	Nb. : A-St.	St-Cu. : A-St.	5	7	10	9	10	10	...	...	p	...	...	≡^{0}	c, bc, cp *a* : o, op_0 *p* : o, o ≡^{0} *n* :
7	St.	St.	St.	10	10	10	10	10	10	≡^{0}	d_0	...	...	...	● ≡^{0}	● ≡^{0}, o ≡^{0}, od_0 *a* : o *p* : o, o ● ≡^{0} *n* :
8	St-Cu.	Nb.	Nb.	3	10	10	10	10	10	...	≡^{0}	d_0 ≡^{0}	d_0 ≡^{0}	d_0 ≡	●^{0} ≡^{0}	c, bc, b, od_0 ≡$_0$ *a* : od ≡^{0}, ≡ *p* : od ≡, o ● ≡^{0} *n* :
9	St-Cu. : A-St.	St. : St-Cu.	St.	5	10	10	10	10	10	...	≡	...	...	...	≡^{0}	o, bc, o ≡, o *a* : o *p* : o, o ≡^{0} *n* :
10	St.	St.	St.	10	9	10	10	10	10	≡^{0}	≡^{0}	...	d_0 ≡^{0}	...	...	o ≡^{0}, o *a* : o, od ≡^{0} *p* : o, op, o *n* :
11	St.	St.	St.	10	10	10	10	10	10	≡^{0}	≡^{0} e	...	≡^{0} e	≡⋮	d_0 ≡$_0$	o ≡^{0}, od_0 *a* : o ≡^{0} e : od ≡^{0}, o ≡⋮ *p* : o ≡o, od_0 ≡^{0} *n* :
12	St.	Nb.	St.	10	10	10	10	10	10	≡^{0}	●^{0} ≡^{0}	d ≡^{0}	≡^{0}	≡^{0}	≡^{0}	od_0 ≡^{0}, o ≡^{0}, o ● ≡^{0} *a* : o ≡^{0} and od_0 ≡^{0} *p* : o ≡^{0} *n* : [b ≡^{0} *n* :
13	St. : St-Cu.	Nb.	St-Cu.	10	10	10	10	9	3	...	● ≡^{0}	● ≡^{0}	d ≡^{0}	...	≡^{0}	o ≡^{0}, o ● ≡^{0} *a* : od ≡$_0$, o *p* : o to
14	St-Cu.	St. : Nb. : St-Cu.	St-Cu.	9	5	10	9	5	2	...	...	pd	...	...	⌴	o, bc, pd *a* : o, bc *p* : bc, b, b ⌴ *n* :
15	St. : A-St.	Nb.	Nb.	10	10	10	10	10	10	≡	...	●^{0}	d_0 ≡^{0}	● ≡^{0}	● ≡^{0}	o ≡, o, o ●^{0} *a* : o, od_0 ≡$_0$ *p* : o ● ≡^{0} *n* :
16	St.	St-Cu.	Cu.	10	8	7	9	1	1	≡^{0}	...	...	...	...	...	o ● ≡^{0}, c, b, c *a* : o, b *p* : b, b ⌴ *n* :
17	St-Cu.	St.	St.	10	10	10	10	10	10	d_0	d ≡	d ≡	d ≡^{0}	d ≡	≡⋮	od_0, od ≡ *a* : od ≡, od ≡^{0} *p* : od ≡, o ≡⋮ *n* :
18	St.	St.	Nb.	10	10	10	10	10	10	≡	p_0	d ≡	...	●^{0} ≡^{0}	●^{0}	o ≡⋮, o ≡, op, od ≡ *a* : od ≡, o ●^{0} ≡^{0} *p* : o ●^{0} ≡^{0}, o ● *n* :
19	Nb. : St-Cu.	Cu. : Ci-St.	Nb.	8	8	8	10	10	10	...	...	...	...	d ≡^{0}	≡^{0}	o, o ●, bc, c *a* : c, od ≡^{0} *p* : o, od ≡^{0}, o ≡^{0} *n* : [od_0 ≡^{0} *n* :
20	St-Cu. : A-Cu.	St.	Nb.	8	10	10	10	10	10	...	≡^{0}	≡^{0}	d_0 ≡^{0}	d_0 ≡^{0}	d_0 ≡^{0}	o ≡^{0} and c *a* : o ≡^{0}, od_0 ≡^{0} *p* :
21	St.	Fr-Nb. : St-Cu.	St-Cu.	10	9	9	9	10	10	≡^{0}	...	...	...	...	...	od_0 ≡ early, o ≡^{0}, o *a* : o *p and n* :
22	St-Cu.	St-Cu. : A-Cu.	St-Cu.	10	10	5	8	9	5	...	≡^{0}	≡^{0}	≡^{0}	...	...	o, o ≡^{0}, bc ≡^{0} *a* : bc ≡^{0}, c ≡^{0}, op ● q *p* : p ● ⩍ at 1930, bc *n* :
23	Nb.	St-Cu. : A-Cu. : Ci.	Nb. : St-Cu.	10	10	2	7	10	10	● ⩍	●≡^{0} ⩍	...	...	● p	p_0	o ● ⩍, bc *a* : c, op ● *p* : op ●, ⩤, op ●^{0} *n* :
24	Nb.	Nb. : St-Cu.	Nb. : St-Cu.	10	10	10	9	10	8	● q	● ≡^{0}	● ≡^{0}	p ● ≡^{0}	p ● ≡^{0}	...	o ● q, op ● ≡^{0} *a* : op ●, ▲ at 1430 *p* : op ● ≡^{0}, c *n* :
25	St-Cu.	St-Cu. : A-St.	St-Cu.	3	8	9	10	9	10	...	...	...	...	...	≡^{0} e	op ● early, bc and c *a* : o *p* : o, od_0 ≡^{0}, a ≡^{0} e *n* :
26	Nb.	Nb.	Nb. : St-Cu.	10	10	10	10	9	9	●	●	●^{0}	●^{0}	...	...	o ● *a* : o ●, o ● q *p* : o ● q, o *n* :
27	Nb.	Cu-Nb. : St-Cu.	St-Cu.	10	10	9	10	8	9	● ≡^{0}	● ⩍	...	✱ ≡^{0}	...	...	o ● ⩍, bc, o *a* : o ✱ ≡^{0}, o ●, c *p* : c, o *n* :
28	St-Cu.	St-Cu. : Ci.	St-Cu.	9	5	4	9	4	7	...	...	...	...	...	✱^{0}	bc and c at first, op ✱^{0}, bc *a* : bc, o, p ✱, bc *p* : bc ✱ *n* :
29	Nb. : St-Cu.	St-Cu.	Nb.	9	6	9	10	10	10	p ✱^{0}	...	...	...	●^{2}≡^{0} ⩍	●^{2}≡^{0} ⩍	p ✱, bc, o *a* : o, o ● ⩍ ≡^{0} *p* : o ●, ●^{2} ⩍ ≡^{0} *n* : [b and bc ⌴ *n* :
30	St-Cu.	St-Cu. : Ci-St.	St-Cu.	10	10	10	6	1	4	...	...	...	...	⌴	⌴	o ● ⩍ ceased at 6h, o *a* : o, bc, b ⌴ *p* :
31	Nb.	St-Cu.	Nb. : St-Cu.	10	8	9	10	8	7	✱ ≡^{0}	...	...	...	✱ p_0	...	o, o ✱ ≡, co *a* : op ✱^{0}, o *p* : op ✱^{0}, c *n* :
Mean Cloud Am'nt				8·9	9·1	9·0	9·4	8·7	8·4							
Mean Ann'al Cloud Am'nt	Cloud Forms.			8·0	8·3	8·5	8·5	8·1	7·5	Weather.						Remarks.

POTENTIAL GRADIENT (reduced to level surface) : VOLTS PER METRE.

Mean Values for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

208. Eskdalemuir. **1924.**

Day.	January. Factor 6·39.				February. Factor 6·39.				March. Factor 6·53.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h	3 h.	9 h.	15 h.	21 h.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.
1	85	118	*	429	248	733	*	197	119	*	211	231
2	338	485	−733	197	51		150	154	227	123	123	151
3	90	164	243	271	99	75	43	91	159	482	271	−88
4	45	*	214	237	79	71	71	185	310	573	279	259
5	180	355	389	169	67	134	177	307	215	334	207	521
						−55						
6	141	203	310	406	138	201	*	*	442	314	406	653
7	169	237	23	846	*	*	189	−75	255	159	243	430
8	350	180	180	56	102	256	398	331	458	390	418	509
9	34	158	*	*	158	315	165	75	362	430	350	549
10	*	*	254	620	520	1,206	453	229	310	402	330	338
11	299	226	592	620	150	114	205	374	549	438	219	414
12	90	220	226	333	20	*	284	*	279	434	279	501
13	−1,297	−2,008	−254	186	99	*	165	*	386	318	279	521
14	248	446	327	141	*	213	162	272	239	191	318	358
15	175	90	243	429	445	292	335	244	287	438	358	310
16	220	395	384	564	47	315	165	626	605	394	167	195
17	361	214	282	85	508	158	315	154	199	215	159	486
18	169	28	z−	68	244	110	217	264	275	131	155	788
19	90	56	102	−62	193	229	248	875	338	171	36	203
20	17	102	180	226	276	394	209	118	88	167	211	338
21	310	−113	124	243	102	162	165	205	159	159	211	239
22	158	−45	−23	361	303	217	162	315	−52	60	215	525
23	282	389	248	564	347	520	429	189	171	−175	*	*
24	−1,444	169	147	214	12	83	193	205	*	*	100	−163
25	519	446	107	164	126	138	*	244	−12	−199	−36	8
26	259	197	*	40	426	362	126	284	76	76	64	159
27	z+	175	270	377	165	319	*	*	111	111	199	398
28	216	297	256	270	*	*	177	154	330	111	151	199
29	27	135	283	377	−477	248	146	158	239	199	151	314
30	297	148	148	135	—	—	—	—	151	115	183	235
31	377	256	*	233	—	—	—	—	139	100	151	96
(*a*)	205	227	241	306	197	286	214	260	267	261	222	355
(*b*)	80	121	165	295	180	255	208	268	254	244	218	343
Mean	(*a*) 245		(*b*) 165		(*a*) 239		(*b*) 228		(*a*) 276		(*b*) 265	

Day.	April. Factor 6·43.				May. Factor 6·33.				June. Factor 6·41.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.
1	113	98	137	293	104	104	124	239	−4	−36	158	233
2	133	117	160	274	197	158	73	135	16	182	134	115
3	133	90	203	336	108	*	*	*	130	158	126	138
4	78	94	113	117	*	*	*	*	478	269	103	245
5	109	133	82	196	*	*	409	112	213	130	154	205
6	266	196	137	305	158	135	181	−521	−225	43	8	324
7	86	113	−637	117	−2,752	−104	216	−560	277	−399	166	316
8	78	133	188	282	158	−1,015	108	93	z+	158	115	119
9	250	98	145	321	158	154	162	100	103	174	99	217
10	z+	438	129	203	−984	− 27	−97	243	−802	119	39	−197
11	106	180	168	399	347	166	z−	313	111	z+	79	221
12	231	152	−66	168	340	162	139	259	154	39	z+	95
13	305	160	*	227	−23	340	127	197	91	111	154	284
14	508	309	321	297	189	208	162	*	158	150	217	462
15	137	192	z+	160	185	193	158	259	162	201	269	336
16	133	149	215	387	166	23	139	270	182	115	87	233
17	231	117	192	352	108	181	185	359	119	229	142	z+
18	47	137	141	274	301	116	120	93	z+	162	170	154
19	82	117	113	270	286	178	162	154	154	324	158	237
20	305	176	164	383	−116	112	143	143	166	154	197	241
21	348	172	199	47	93	151	−73	455	154	119	158	201
22	368	−23	164	109	220	185	151	*	363	91	119	340
23	168	192	180	235	158	85	−919	135	126	186	138	296
24	51	152	−520	297	147	135	301	−8	399	158	138	209
25	129	250	106	141	85	73	z±	197	585	119	111	363
26	−8	152	156	−43	69	120	27	228	257	920	166	107
27	−919	137	141	−1,568	−266	−189	−58	147	12	138	130	304
28	−282	133	z+	227	189	185	193	193	237	36	32	79
29	149	152	149	317	112	162	147	147	197	103	115	0
30	74	12	78	*	166	89	185	−66	51	205	166	233
31	—	—	—	—	197	135	205	243	—	—	—	—
(*a*)	178	157	158	249	177	148	166	205	196	178	133	225
(*b*)	127	144	94	172	−35	66	81	122	139	151	134	221
Mean	(*a*) 185		(*b*) 134		(*a*) 174		(*b*) 59		(*a*) 183		(*b*) 161	

NOTE.—The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used : z +, Indeterminate, positive value ; z—, Indeterminate, negative value ; z , ± Indeterminate in magnitude and sign.
Defective record. (*a*) Mean of all positive readings. (*b*) Mean from all complete days using both positive and negative readings.

Mean Values for periods of sixty minutes, centred at the exact hours, Greenwich Mean Time.

208. Eskdalemuir. **1924.**

Day.	July. Factor 6·30.				August. Factor 6·14.				September. Factor 6·48.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.
1	198	116	178	136	8	197	−80	38	148	140	140	272
2	−97	194	159	113	91	201	152	−4	144	100	156	244
3	70	116	194	z−	315	140	125	125	368	160	136	168
4	167	136	120	202	140	148	102	110	236	148	104	232
5	39	81	89	−287	−182	42	76	224	196	48	100	244
6	268	155	*	*	144	91	49	197	236	68	140	228
7	*	*	74	136	171	148	152	235	416	−24	64	76
8	140	70	109	225	114	152	133	375	−432	172	*	−560
9	396	124	186	341	387	243	148	493	108	36	−112	392
10	512	81	124	206	322	148	117	38	476	244	156	−4
11	272	*	341	427	42	23	19	258	−28	40	80	116
12	295	*	163	151	246	155	159	474	40	84	156	84
13	66	151	47	229	193	72	z−	106	108	200	196	164
14	159	155	175	175	326	258	30	159	276	204	−168	192
15	74	97	147	272	284	186	136	140	152	196	−32	168
16	81	213	z−	252	z±	182	z±	485	128	112	−484	52
17	221	58	−291	116	447	91	−186	57	180	172	z−	184
18	202	85	−369	244	197	91	45	186	68	8	156	204
19	155	124	136	229	197	*	*	*	476	200	252	132
20	171	120	z+	132	*	*	−694	8	−112	328	192	z−
21	−1,148	−718	74	78	−701	117	121	27	−192	−72	z±	372
22	74	113	*	202	182	224	z+	197	308	348	208	−28
23	415	124	−380	202	−451	125	121	527	−924	84	28	20
24	23	116	136	147	−178	95	76	186	28	280	192	652
25	116	93	124	43	*	*	*	*	284	328	128	316
26	264	128	124	252	129	144	−379	224	*	*	*	*
27	155	163	128	70	136	171	z−	87	*	272	164	356
28	47	109	−116	−225	190	110	273	−4	120	188	180	36
29	39	54	109	109	144	140	106	224	−576	−92	84	120
30	93	136	−140	396	265	186	152	292	124	240	−108	180
31	435	175	113	−167	57	258	178	288	—	—	—	—
(*a*)	187	122	139	196	197	148	118	213	210	169	143	208
(*b*)	114	82	49	129	104	145	76	203	121	139	73	177
Mean	(*a*) 161		(*b*) 93		(*a*) 169		(*b*) 132		(*a*) 183		(*b*) 127	

Day.	October. Factor 6·19.				November. Factor 6·17.				December. Factor 6·40.			
	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.	3 h.	9 h.	15 h.	21 h.
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.
1	149	232	191	160	−19	121	125	299	232	−449	390	394
2	149	198	244	476	87	11	64	352	374	280	99	59
3	301	137	267	324	277	235	258	284	79	−39	−24	394
4	−19	381	225	84	364	315	273	152	311	197	205	−398
5	122	232	−225	−229	106	159	239	371	465	158	217	177
6	−69	126	−514	−8	208	326	152	136	−138	102	343	75
7	103	4	263	61	258	227	159	163	193	110	205	−114
8	198	229	156	331	133	152	262	322	71	362	410	−71
9	156	305	110	114	152	201	394	610	51	670	335	453
10	*	*	156	−42	569	417	231	417	213	414	240	295
11	251	183	−57	347	341	220	235	1,020	236	284	236	382
12	221	194	187	149	273	273	337	519	429	146	177	47
13	*	*	290	960	315	334	345	190	126	−339	−1,245	579
14	503	537	221	491	57	292	220	220	323	197	114	229
15	373	202	191	644	95	443	349	409	177	209	−1,316	−28
16	187	236	191	179	269	337	330	584	118	347	461	745
17	152	118	225	259	383	284	152	421	678	158	280	138
18	168	80	−263	415	455	341	724	675	197	162	91	114
19	42	251	−187	385	148	148	258	102	118	118	276	276
20	76	183	263	164	193	235	76	216	114	276	359	165
21	133	179	114	194	189	182	159	−724	292	339	406	626
22	122	80	152	187	−8	117	−212	193	276	244	481	209
23	69	126	301	476	110	387	129	−1,137	−1,076	−362	229	154
24	377	274	411	453	15	−189	197	117	374	z−	z+	158
25	191	271	141	187	284	262	23	−144	z−	264	280	−55
26	339	644	320	−884	144	246	−91	−288	−922	−292	63	79
27	145	95	396	8	64	−212	−91	−15	−689	−126	z+	327
28	156	122	−358	640	125	197	299	603	319	126	276	16
29	556	114	110	229	−849	424	375	311	158	209	142	−859
30	259	z+	z−	198	220	125	227	265	−1,013	118	284	496
31	191	152	183	160	—	—	—	—	142	138	158	118
(*a*)	211	210	221	306	216	250	244	358	243	235	260	268
(*b*)	191	210	116	214	165	220	207	221	91	139	139	170
Mean	(*a*) 237		(*b*) 183		(*a*) 267		(*b*) 203		(*a*) 251		(*b*) 135	

Annual Means ...	(*a*)	207	199	188	262
	(*b*)	128	160	130	211
		(*a*) 214		(*b*) 157	

The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used: z + Indeterminate, positive value; z − Indeterminate, negative value; z ± Indeterminate in magnitude and sign.

*Defective record. (*a*) Mean from all positive readings. (*b*) Mean of all complete days using both positive and negative readings.

POTENTIAL GRADIENT (reduced to level surface) : DIURNAL INEQUALITIES (in volts per metre).

The departures from the mean of the day are adjusted for non-cyclic change.

209. Eskdalemuir. * 0*a* DAYS ONLY. 1924

Month and Season.	Hour 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Non-cyclic change 24–0.	No. of Days used.	Mean Value
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.		v/m.
Jan. ...	+ 17	+ 8	− **85**	− 79	− 81	− 63	− 40	− 33	− 33	− 56	− 24	− 6	− 25	− 13	− 10	+ 20	+ 80	+100	+109	+**118**	+ 18	+ 40	+ 21	+ 7	+ 38	8	2
Feb. ...	− 26	− 41	− 28	− 54	− 37	− 51	− **79**	− 6	+ 50	− 28	− 10	− 2	− 27	− 3	+ 20	+ 11	+ 10	+ 68	+ **76**	+ 39	+ 14	+ 39	+ 38	+ 16	− 82	5	2
Mar. ...	+ 22	+ 7	+ 1	− 26	− 31	− 24	+ 3	+ 9	− 29	− 63	− 63	− **65**	− 56	− 47	− 52	− 47	− 18	+ 24	+ 74	+ 84	+ **96**	+ 80	+ 65	+ 46	+ 7	20	2
April ...	+ 18	− 7	+ 7	+ 13	− 47	− 36	− 22	− 25	− 55	− **72**	− 68	− 29	− 26	− 10	− 25	− 10	− 13	− 4	+ 23	+ 85	+ 82	+ **97**	+ 71	+ 46	− 63	8	2
May ...	+ 9	− 7	− 18	− 10	− 17	− 33	− 2	− 5	+ 10	+ 38	− 8	− 19	− 34	− 50	− 30	− 30	− 6	− **98**	− 83	+ 65	+ **99**	+ 84	+ 84	+ 54	+178	1	1
June ...	+ 51	+ 37	+ 72	+ 45	+104	+**112**	+ 58	− 19	− 40	− 58	− 64	− 56	− 65	− **78**	− **78**	− 74	− 72	− 61	− 37	+ 16	+ 57	+ 65	+ 54	+ 26	+ 26	8	2
July ...	+ 37	+ 49	+ 45	+ 37	+ 16	+ 40	+ 8	− 6	− 40	− 38	− 39	− 37	− 28	− 20	− 39	− **44**	− 37	− 22	− 17	− 19	+ 19	+ 42	+ **50**	+ 34	+ 65	6	1
Aug. ...	+ 50	+ 48	+ **76**	+ 45	+ 38	+ 30	− 5	− 38	− 12	+ 4	− 41	− 55	− 60	− **63**	− 51	− 56	− 41	− 43	− 29	+ 10	+ 53	+ 33	+ 46	+ 62	− 5	5	1
Sept. ...	+ 58	+ 65	+ 67	+ 68	+ 75	+ 76	+ 82	+ 44	− 32	− 77	− 76	− 86	− 93	−**108**	− 95	− 72	− 40	− 67	− 38	+ 41	− 7	+ 37	+ 76	+ **91**	+139	4	2
Oct. ...	− 17	− 4	− 35	− 32	− 1	− 10	+ 5	− 27	− 58	− **73**	− 49	− 41	− 33	− 25	− 24	− 14	+ 31	+ 16	+ 73	+**105**	+ 87	+ 81	+ 65	− 12	+ 19	10	2
Nov. ...	− 1	− 37	− 46	− 42	− 57	− **65**	− 55	− 35	− 28	− 12	− 36	− 42	− 31	− 53	− 16	+ 6	+ 56	+**129**	+107	+ 98	+ 63	+ 45	+ 31	+ 16	− 1	17	3
Dec. ...	− 21	− 27	− 14	− 15	− 30	− 57	−**107**	− 82	− 8	+ 36	+ 14	+ 3	+ **93**	+ 35	+ 20	+ 6	+ 21	− 18	+ 9	+ 45	+ 57	+ 23	+ 19	− 12	− 75	5	2
Year ...	+ 16	+ 8	+ 3	− 4	− 6	− 7	− 13	− 19	− 23	− 33	− **39**	− 36	− 32	− 36	− 32	− 25	− 2	+ 2	+ 22	+ **57**	+ 53	+ 55	+ 52	+ 31	—	—	2
Winter	− 8	− 24	− 43	− 47	− 51	− 59	− **70**	− 39	− 5	− 15	− 14	− 12	+ 3	− 9	+ 3	+ 11	+ 42	+ 70	+ **75**	+ **75**	+ 38	+ 37	+ 27	+ 7	—	—	2
Equinox	+ 20	+ 15	+ 10	+ 6	− 1	+ 1	+ 17	− 0	− 43	− **71**	− 64	− 55	− 52	− 46	− 49	− 36	− 10	− 8	+ 33	+ **79**	+ 65	+ 74	+ 69	+ 43	—	—	2
Summer	+ 37	+ 32	+ 44	+ 29	+ 35	+ 37	+ 15	− 17	− 21	− 13	− 38	− 42	− 47	− 53	− 49	− 51	− 39	− **56**	− 41	+ 18	+ 57	+ 56	+ **59**	+ 44	—	—	1

210. Eskdalemuir. * 1*a* AND 2*a* DAYS ONLY. 1924

Month and Season.	Hour 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Non-cyclic change 24–0.	No. of Days used.	Mean Value
	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.	v/m.		v/m.
Jan. ...	+**194**	+156	+129	+111	−**168**	−111	− 41	− 6	− 24	− 44	− 81	−157	− 11	−117	− 68	− 64	+ 24	−123	− 38	− 34	+ 51	+152	+162	+108	+378	2	1
Feb. ...	− **84**	− 37	− 49	− 52	− 61	− 43	+ 38	+ 34	0	− 29	− 6	− 23	− 42	− 55	− 49	− 27	+ 6	+ 89	+**164**	+ 64	+157	+ 57	0	− 50	+ 81	3	1
Mar. ...	+ 12	+ 27	− 30	− 25	− 22	− 10	+ 1	0	− 23	− **40**	− 25	− 6	+ 3	− 2	+ 3	+ 14	+ 21	− 24	+ 6	+ **85**	+ 72	− 25	− 8	+ 1	− 26	2	1
April ...	− 50	− **94**	− 37	− 56	− 73	− 38	+ 9	− 29	− 60	− 65	− 47	− 30	− 32	− 24	+ 10	+ 8	+ 29	+ 53	+ 84	+137	+122	+**138**	+ 83	− 33	− 90	7	1
May ...	− 53	− 62	− **90**	− 68	− 26	− 19	− 28	− 41	+ 14	+ 41	+ 12	− 30	+ 13	+ 25	+ 17	+ 33	+ 35	+ 32	+ 45	+ **89**	+ 61	+ 60	+ 6	− 64	− 66	6	1
June ...	− 7	− 8	− 19	− 16	− **31**	− 4	− 14	0	+ 6	− 1	+ 13	− 8	+ 2	+ 5	− 10	− 21	− 27	+ 3	+ 30	+ 44	+ **66**	+ 13	− 16	− 1	+ 30	8	1
July ...	+ 23	+ 28	+ 41	+ 30	+ 42	+ 67	+ **79**	+ 32	+ 6	+ 45	+ 24	+ 1	+ 5	+ 7	− 25	− 32	− 44	− 68	− 73	−**103**	− 61	− 76	+ 8	+ 37	+ 30	4	1
Aug. ...	− 45	− 30	+ 5	+ 12	+ 53	+ 68	+ 35	+ 13	+ 12	+ 10	− 33	− 15	− 72	− 58	− 50	− **95**	− 88	− 21	+ 1	+ 65	+ **96**	+ 71	+ 63	+ 8	− 22	5	1
Sept. ...	+ **82**	+ 46	+ 64	+ 7	− 74	− 2	+ 20	−**100**	− 64	− 27	− 4	0	− 19	− 37	− 5	+ 11	− 10	− 10	+ 7	+ 29	+ 25	+ 2	+ 35	+ 35	− 23	3	1
Oct. ...	− 35	− 64	− 74	− 96	− 48	− 6	+ 36	+ 69	+ 50	+ 52	+ 36	+ 24	− 6	− 15	− **97**	− 63	− 2	+ 68	+ **92**	+ 41	+ 33	+ 27	+ 26	− 38	−142	7	1
Nov. ...	−106	−111	−**128**	−107	− 66	− 95	− 70	+ 46	+**120**	+ 81	+ 22	+ 9	+ 15	− 2	+ 62	− 1	+108	+113	+ 32	+ 80	+ 75	+ 28	− 35	− 75	− 53	1	1
Dec. ...	−168	−117	− 40	− 17	+ 13	+ 33	+ 54	+ 99	+ 57	+ 51	+ 60	+ 55	+ 38	+ 73	+ 45	+ 46	+ 53	+**127**	+112	+ 68	−106	−131	−175	−**242**	− 34	8	1
Year ...	− 20	− 22	− 19	− 23	− **38**	− 13	+ 10	+ 10	+ 8	+ 6	− 2	− 15	− 9	− 17	− 14	− 16	+ 9	+ 20	+ 39	+ 47	+ **49**	+ 26	+ 12	− 26	—	—	1
Winter	− 41	− 27	− 22	− 16	− **71**	− 54	− 5	+ 43	+ 38	+ 15	− 1	− 29	0	− 25	− 3	− 11	+ 48	+ 51	+ **67**	+ 45	+ 44	+ 27	− 12	− 65	—	—	1
Equinox	+ 2	− 21	− 19	− 43	− **54**	− 14	+ 17	− 15	− 24	− 20	− 10	− 3	− 13	− 19	− 22	− 7	+ 9	+ 22	+ 47	+ **73**	+ 63	+ 35	+ 34	− 9	—	—	1
Summer	− 21	− 18	− 16	− 11	+ 9	+ 28	+ 18	+ 1	+ 9	+ 24	+ 4	− 13	− 13	− 5	− 17	− 29	− **31**	− 13	+ 1	+ 24	+ **41**	+ 17	+ 15	− 5	—	—	1

* NOTE.—For explanation of 0*a*, 1*a* and 2*a* Days, *see* page 171.

ELECTRICAL CHARACTER OF EACH DAY.

210A. Eskdalemuir. **1924.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1*a*	*	*	0*a*	1*a*	2*b*	1*a*	2*b*	1*a*	0*a*	2*b*	2*c*
2	2*b*	0*a*	0*a*	0*a*	1*b*	1*a*	1*b*	1*b*	0*a*	0*a*	2*b*	1*a*
3	0*a*	1*a*	1*b*	0*a*	*	0*a*	2*c*	0*a*	*	0*a*	0*a*	1*a*
4	*	1*a*	1*b*	1*a*	*	0*a*	2*c*	0*a*	0*a*	1*a*	0*a*	2*c*
5	0*a*	2*a*	0*a*	0*a*	*	1*a*	2*b*	1*b*	1*b*	2*a*	0*a*	1*b*
6	0*a*	*	0*a*	0*a*	2*b*	2*b*	*	1*b*	0*a*	2*c*	0*a*	2*c*
7	2*b*	*	0*a*	2*b*	2*c*	1*b*	*	1*a*	2*a*	1*b*	0*a*	2*a*
8	0*a*	1*b*	0*a*	1*b*	2*b*	1*b*	1*a*	0*a*	2*c*	1*a*	0*a*	2*a*
9	*	2*b*	0*a*	1*b*	2*a*	1*a*	0*a*	0*a*	2*b*	1*a*	0*a*	2*a*
10	*	1*b*	0*a*	2*b*	2*c*	2*c*	1*b*	0*a*	1*b*	*	0*a*	0*a*
11	2*b*	1*a*	0*a*	1*b*	2*c*	2*c*	1*a*	1*a*	1*b*	1*b*	1*b*	0*a*
12	*	*	0*a*	1*b*	*	1*b*	*	1*b*	1*a*	1*a*	0*a*	*
13	2*c*	*	0*a*	1*b*	1*a*	1*a*	1*b*	2*b*	1*b*	*	0*a*	2*c*
14	0*a*	*	0*a*	0*a*	*	0*a*	0*a*	1*a*	2*b*	0*a*	1*a*	1*b*
15	0*a*	1*b*	0*a*	1*b*	1*b*	1*a*	0*a*	1*b*	2*b*	0*a*	0*a*	2*c*
16	0*a*	1*a*	0*a*	1*a*	2*c*	0*a*	1*b*	2*c*	1*b*	1*a*	0*a*	1*a*
17	1*a*	1*b*	0*a*	1*a*	0*a*	2*b*	2*b*	2*c*	1*b*	0*a*	0*a*	0*a*
18	2*c*	1*b*	0*a*	1*a*	1*b*	1*b*	1*b*	1*b*	1*b*	1*a*	0*a*	1*b*
19	2*c*	0*a*	1*b*	1*a*	1*b*	0*a*	0*a*	*	2*b*	2*b*	0*a*	1*b*
20	1*a*	0*a*	0*a*	0*a*	2*a*	0*a*	1*b*	*	2*c*	0*a*	0*a*	0*a*
21	1*a*	0*a*	1*a*	0*a*	2*b*	1*b*	2*c*	2*b*	2*c*	1*b*	2*b*	0*a*
22	2*a*	0*a*	2*b*	1*a*	1*b*	0*a*	*	2*c*	1*b*	0*a*	2*b*	1*b*
23	0*a*	0*a*	*	1*a*	2*b*	1*a*	1*b*	2*c*	2*c*	0*a*	2*b*	2*c*
24	2*b*	2*b*	*	2*c*	1*b*	1*a*	1*b*	2*b*	1*b*	0*a*	2*c*	2*c*
25	1*b*	*	2*b*	2*c*	2*c*	0*a*	1*a*	*	0*a*	1*b*	2*b*	2*b*
26	2*b*	1*b*	1*a*	2*c*	1*b*	2*b*	0*a*	1*b*	*	2*c*	2*b*	2*c*
27	2*b*	*	0*a*	2*c*	2*c*	1*a*	0*a*	2*b*	*	1*b*	2*c*	2*b*
28	1*a*	*	0*a*	2*b*	1*a*	2*b*	2*a*	*	2*b*	1*b*	0*a*	1*a*
29	0*a*	2*b*	0*a*	1*b*	1*a*	1*b*	1*a*	1*a*	2*b*	1*b*	2*c*	2*a*
30	0*a*	—	0*a*	2*b*	1*b*	1*a*	1*b*	1*a*	1*b*	2*c*	1*b*	2*b*
31	*	—	0*a*	—	1*a*	—	1*b*	1*a*	—	2*c*	—	1*b*
Mean	1·00	0·90	0·32	1·00	1·42	0·97	1·00	1·15	1·26	0·86	0·77	1·33
No. of days used...	26	20	28	30	26	30	27	27	27	29	30	30

Annual Mean Character Figure 1.00. * Defective Record.

Explanatory Note.—The electric character of the day is indicated by the figures 0, 1, or 2, according to the character of the trace of the electrograph as regards negative potential gradient. The explanation of these symbols is as follows :—

0, denotes a day during which from midnight to midnight no negative potential was recorded.

1, denotes one or more excursions of limited duration to the negative side of the scale.

2, denotes negative potential extending in the aggregate over 3 hours or more.

"*a*," denotes that within the 25 periods of 60 minutes for which an estimate of the mean potential gradient has to be made in the process of tabulation there was in no case a range of potential gradient in the open exceeding 1000 volts.

"*b*," denotes that a range of potential gradient in the open exceeding 1000 volts was reached in at least one but in fewer than six of the 25 hourly periods referred to above.

"*c*," denotes that a range of 1000 volts or more occurred in at least six of the 25 hourly periods.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

211. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **January, 1924.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 Q	1010	1016	1016	1016	1016	1016	1016	1016	1016	1015	1012	1010	1009	1009	1015	1019	1020	1021	1022	1022	1024	1021	1021	1020	1016	1017
2	1016	1016	1017	1019	1020	1021	1021	1022	1021	1020	1020	1020	1019	1017	1021	1024	1026	1025	1025	1024	1021	1024	1019	1020	1021	1021
3	1021	1003	1007	1007	1013	1014	1014	1012	1015	1011	1029	1026	1015	1003	1006	1004	1013	1007	1002	1002	1006	1002	1025	1005	1010	1011
4	1010	1003	1007	1007	1011	1011	1013	1011	1015	1010	1008	1010	1010	1011	1010	1016	1016	1016	1016	1016	1015	1011	1010	1008	1011	1011
5	1010	1009	1010	1014	1014	1016	1014	1014	1014	1013	1013	1011	1013	1013	1014	1013	1015	1015	1015	1018	1019	1019	1018	1015	1014	1014
6	1014	1019	1018	1015	1016	1019	1019	1019	1019	1015	1009	1007	1006	1004	1006	1006	1009	1014	1018	1019	1020	1019	1018	1019	1020	1015
7	1020	1019	1021	1015	1018	1024	1023	1020	1018	1024	1018	1009	1008	1006	1011	1010	1018	1013	1014	1015	1019	1024	1014	1011	1013	1016
8	1013	1011	1014	1014	1015	1018	1020	1024	1023	1016	1011	1004	1009	1018	1020	1016	1014	1015	1015	1019	1014	1010	1006	1008	1010	1014
9	1010	1014	1014	1014	1015	1019	1023	1023	1023	1018	1019	1010	1001	1004	1010	1013	1015	1014	1015	1014	1017	1008	1010	1013	1014	1014
10 D	1014	1014	1020	1020	1024	1028	1028	1028	1018	1005	1001	992	1001	985	974	971	956	971	985	991	1000	1015	1005	995	999	1001
11	999	999	1004	1009	1006	1012	1008	1010	1009	1005	1006	1010	1010	1010	1013	1008	1003	1001	1003	995	1003	1014	1011	1010	1001	1007
12 Q	1000	999	1005	1006	1009	1018	1019	1019	1018	1018	1014	1009	1008	1008	1008	1008	1008	1008	1012	1010	1010	1010	1008	1008	1009	1010
13 Q	1009	1013	1012	1013	1012	1013	1013	1013	1014	1018	1018	1014	1013	1014	1012	1010	1010	1013	1014	1017	1016	1014	1014	1014	1014	1014
14 Q	1014	1014	1014	1013	1013	1014	1018	1018	1017	1014	1011	1009	1012	1014	1018	1018	1019	1019	1019	1018	1017	1019	1018	1017	1013	1016
15	1013	1013	1013	1014	1017	1019	1022	1022	1020	1014	1014	1014	1018	1020	1022	1019	1017	1018	1008	1003	1000	1005	1000	1010	1012	1014
16	1012	1012	1015	1008	1013	1013	1027	1022	1017	1016	1008	1000	1003	1007	1005	1010	1011	1011	1015	1013	1012	1013	1012	1013	1007	1012
17	1007	1010	1008	1008	1014	1017	1014	1018	1018	1013	1012	1012	1010	1013	1019	1022	1023	1023	1024	1020	1010	1012	1007	1013	1014	1015
18	1013	1014	1011	1011	1012	1014	1017	1019	1018	1013	1006	1003	1000	1005	1010	1015	1019	1020	1022	1019	1018	1016	1012	1014	1017	1013
19	1017	1016	1014	1015	1017	1018	1021	1023	1027	1025	1017	1012	1007	1012	1016	1013	1003	1014	1020	1018	1020	1020	1008	1012	1017	1016
20 Q	1017	1017	1017	1018	1021	1022	1022	1021	1021	1021	1018	1016	1009	1014	1008	1018	1022	1023	1022	1022	1022	1022	1020	1020	1018	1019
21	1018	1017	1019	1021	1022	1026	1026	1026	1023	1022	1018	1013	1013	1018	1021	1023	1024	1027	1027	1026	1026	1022	1022	1022	1024	**1022**
22 D	1024	1031	1016	1023	1018	1031	1021	1019	1019	1018	1017	1014	1017	1019	1018	1013	1014	1002	989	982	1004	1019	1024	1012	1014	1015
23 D	1014	1017	1036	1045	1036	1042	1038	1017	1007	1008	994	988	988	993	1019	1012	1007	1004	1017	1022	1007	1036	1022	1009	1012	1016
24	1012	1013	1005	1008	1017	1013	1017	1017	1015	1014	1012	1003	999	1014	1014	1008	1003	992	1003	1017	1027	1011	1014	1023	1012	1011
25	1011	1017	1006	1021	1021	1014	1018	1021	1019	1006	1003	1002	1002	990	1015	1017	1012	1008	1019	1019	1018	1019	1016	1017	1019	1013
26	1019	1017	1017	1017	1020	1020	1018	1020	1021	1011	1006	1003	1007	1006	998	987	1010	1011	1003	1016	1021	1020	1020	1016	1016	1013
27	1016	1017	1026	1016	1019	1021	1025	1023	1018	1013	1006	1001	998	1002	1008	1011	1014	1016	1018	1030	1021	1019	1020	1020	1017	1016
28	1017	1016	1017	1018	1021	1023	1024	1026	1025	1017	1011	1015	1016	1013	1011	1011	1017	1020	1025	1026	1026	1026	1025	1023	1021	1020
29 D	1021	1021	1020	1020	1022	1026	1043	1046	1043	1026	1020	1006	996	994	1005	1011	1003	1036	1003	1017	996	971	964	992	1022	1013
30 D	1022	934	958	963	977	982	982	986	997	995	983	978	986	997	997	997	998	1004	1003	1002	1029	1002	1008	1008	1006	**991**
31	1006	1001	1001	999	1006	1011	1013	1016	1014	1003	1002	1002	998	998	1001	1007	1011	1011	1011	1005	997	1002	1007	1012	1015	1006
Mean	1014	1011	1012	1013	1015	1018	**1019**	1019	1018	1014	1011	1007	**1006**	1007	1010	1011	1011	1013	1013	1014	1015	1014	1013	1013	1014	1013

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

212. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **January, 1924.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 Q	630	630	631	631	630	630	630	630	630	632	633	637	640	642	638	634	631	634	634	634	634	633	631	630	630	633
2	630	630	631	631	633	630	629	630	629	629	635	639	640	642	640	636	634	634	634	635	635	615	626	629	633	632
3	633	638	637	633	635	631	628	630	630	631	632	641	646	647	646	638	636	649	642	640	621	612	620	612	615	**633**
4	615	626	627	629	625	626	625	628	629	626	630	637	642	643	640	635	632	632	632	630	630	627	623	620	626	630
5	626	626	636	626	630	630	630	629	626	626	630	637	636	641	639	636	636	635	632	630	629	629	630	630	630	632
6	630	630	629	632	631	629	629	629	626	625	627	633	639	648	650	643	642	641	636	631	629	629	629	629	629	633
7	628	628	638	629	633	634	634	635	635	628	631	633	636	640	640	632	634	631	631	626	612	604	617	620	626	629
8	626	630	630	631	634	634	631	633	631	629	635	631	635	639	635	631	631	633	632	634	634	632	616	612	624	631
9	624	620	624	629	632	633	633	630	630	629	630	633	636	641	640	635	635	634	629	635	632	628	629	630	620	631
10 D	620	624	625	628	634	636	638	639	638	653	648	658	654	649	646	647	607	638	640	629	623	576	577	584	590	629
11	590	618	616	609	621	624	627	630	630	628	629	635	636	636	634	634	631	632	628	622	627	619	604	604	605	624
12 Q	605	616	618	625	628	630	630	629	629	629	629	635	636	636	635	631	630	635	635	632	630	626	625	625	625	629
13 Q	625	622	624	624	626	625	625	626	627	629	630	634	635	635	634	630	630	629	629	629	628	626	626	625	621	628
14 Q	621	619	620	624	625	629	629	629	628	629	630	637	636	635	635	634	633	633	633	633	630	628	629	625	624	629
15	624	624	624	624	625	627	628	623	625	629	634	636	640	640	634	639	641	640	642	643	629	626	612	621	619	630
16	618	618	607	615	615	623	623	627	625	628	639	642	652	652	641	635	634	628	627	624	620	614	615	612	620	626
17	620	620	616	620	623	619	622	623	623	623	629	641	641	638	633	632	632	633	634	632	619	591	614	623	625	625
18	625	629	629	628	629	628	628	626	624	623	626	632	637	644	639	635	634	633	635	631	628	618	620	619	599	629
19	599	617	619	619	623	623	624	622	621	621	628	632	636	640	639	634	635	635	634	633	628	608	613	620	619	626
20 Q	619	624	627	630	633	633	632	627	626	625	633	634	636	640	644	640	638	634	634	633	629	627	627	627	628	631
21	628	628	628	630	632	632	632	630	629	629	628	628	634	645	642	638	637	636	633	632	628	631	629	632	629	632
22 D	629	621	627	594	603	589	618	623	624	628	628	630	633	640	642	634	634	635	626	633	626	627	617	624	627	624
23 D	627	629	594	630	604	617	628	632	635	640	639	649	643	648	634	628	623	629	565	596	602	599	622	624	627	622
24	627	622	642	636	641	626	630	632	629	629	634	633	637	635	635	629	630	621	619	612	601	628	624	632	618	628
25	618	597	615	634	624	630	634	633	633	635	635	633	641	630	639	634	634	624	624	632	633	627	624	623	617	629
26	617	623	626	633	629	631	629	627	627	624	625	633	636	636	626	623	629	618	621	630	624	620	624	624	623	627
27	623	629	632	623	622	627	631	629	629	628	628	631	631	637	639	631	634	634	628	619	622	627	624	622	623	628
28	623	625	627	626	627	627	629	629	627	628	625	631	634	634	635	635	633	632	626	621	626	626	626	627	627	628
29 D	627	627	627	633	627	643	640	644	635	637	644	648	649	665	682	684	639	641	593	528	631	529	567	590	521	624
30 D	521	493	564	605	608	608	625	645	621	606	623	621	624	633	634	625	620	619	616	616	598	614	609	612	619	**609**
31	619	615	621	630	625	625	627	624	619	619	620	623	629	638	637	630	629	628	630	616	620	614	623	623	625	624
Mean	618	619	623	626	626	627	629	630	628	628	631	635	638	**641**	640	636	632	633	628	625	624	**616**	618	620	618	628

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

213. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **January, 1924.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 Q	935	935	935	935	935	935	935	935	935	932	931	931	931	931	935	935	935	935	935	935	934	931	931	931	931	934
2	931	931	931	931	931	931	931	931	931	928	927	927	927	928	931	931	931	935	936	936	935	936	935	932	931	931
3	931	931	929	931	928	927	927	927	927	927	926	927	931	936	940	940	947	948	952	962	969	972	955	941	943	939
4	943	943	940	939	940	941	941	943	943	943	943	943	941	942	944	947	946	944	944	944	946	946	948	951	948	944
5	948	947	941	940	942	943	943	943	943	943	943	943	943	944	947	947	947	944	944	943	943	943	944	944	944	944
6	944	943	943	943	943	940	940	940	940	940	940	942	943	943	944	946	946	944	944	943	943	944	945	944	944	943
7	944	943	935	939	940	939	939	939	939	938	936	936	939	943	947	948	948	947	946	944	945	943	943	943	940	942
8	941	942	941	942	941	941	941	940	940	940	940	940	940	940	941	944	944	944	944	941	941	944	949	949	949	942
9	949	948	945	944	944	941	941	940	940	939	937	937	939	941	944	945	946	948	948	945	944	947	949	949	949	944
10 D	949	948	945	944	941	940	940	940	940	937	936	936	937	949	957	970	993	998	985	977	974	975	963	953	952	955
11	952	945	936	939	940	941	944	944	944	944	944	942	944	945	947	949	949	952	956	953	949	949	948	941	941	945
12 Q	941	944	945	945	944	944	944	944	942	940	941	941	944	945	948	948	949	949	949	949	949	948	948	948	947	946
13 Q	947	945	945	944	944	944	944	944	941	940	940	940	938	940	944	944	944	944	944	944	944	944	944	944	944	943
14 Q	944	944	944	943	941	942	941	944	941	940	937	937	937	938	940	941	941	942	943	943	943	944	944	944	944	942
15	945	945	943	942	942	941	941	941	941	941	941	941	941	941	941	941	942	946	949	954	961	963	967	961	954	946
16	954	950	945	940	937	936	930	933	938	938	940	942	941	944	945	946	950	950	950	949	950	949	950	950	949	944
17	949	945	945	940	938	941	941	942	942	942	941	938	940	941	941	941	941	941	941	942	949	953	949	945	941	943
18	941	940	941	941	941	941	941	941	941	941	938	938	937	938	941	942	942	942	941	941	942	942	945	945	945	941
19	945	941	940	938	937	937	937	937	936	935	933	933	933	934	939	941	941	941	940	941	941	941	941	941	941	938
20 Q	941	938	937	937	937	937	937	937	937	935	933	935	933	933	936	938	939	938	938	938	938	937	937	937	937	937
21	937	937	937	937	935	934	933	933	933	933	933	933	929	926	932	934	936	936	934	933	933	933	933	933	933	934
22 D	933	930	930	925	921	923	925	928	929	929	933	933	936	933	937	938	939	942	954	961	957	950	949	950	946	937
23 D	946	941	929	900	907	912	913	914	921	926	931	937	941	945	949	949	950	950	958	946	942	934	920	929	933	933
24	933	933	929	925	921	926	929	933	933	934	933	936	937	937	938	942	945	954	954	950	945	940	938	926	910	936
25	910	914	926	924	924	927	928	929	930	933	929	933	933	938	940	938	940	942	942	942	938	937	933	934	935	937	932
26	937	934	933	933	933	933	933	933	933	933	933	933	933	937	945	953	946	947	946	942	940	937	935	936	937	937
27	937	933	928	930	933	933	933	933	933	933	933	933	933	933	937	940	938	938	938	937	935	933	933	933	933	934
28	933	933	933	933	933	933	933	933	933	933	933	933	932	930	933	933	933	934	935	936	933	933	932	931	930	933
29 D	930	929	929	928	929	929	925	921	921	921	921	921	928	928	929	933	945	945	1007	1137	1118	1098	999	947	892	**958**
30 D	892	776	693	809	886	912	917	920	928	933	934	938	940	937	938	945	947	945	943	945	941	938	941	938	937	**911**
31	937	937	937	933	933	933	933	934	937	937	937	937	933	930	933	937	937	937	937	941	945	945	942	938	934	937
Mean	939	934	**929**	931	934	935	935	935	936	936	935	936	937	938	941	943	944	945	948	**951**	951	949	945	942	939	940

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

214. Eskdalemuir. **January, 1924.**

Day.	Terrestrial Magnetic Force.																		Character Figures. §		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.								ΣR^2	p		
	Maximum 15000 γ +		Minimum 15000 γ +		Range.	Maximum 4000 γ +		Minimum 4000 γ +		Range.	Maximum 44000 γ +		Minimum 44000 γ +		Range.						
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	γ			$100\gamma^2$			*a.*
1	17 15	1026	1006	11 40	20	13 8	644	630	7 41	14	15 30	936	931	12 20	5	6	·03	0	84·5
2	16 10	1030	1015	0 22	15	13 20	643	608	20 58	35	17 21	939	926	10 30	13	16	·08	0	84·5
3	22 12	1070	976	20 42	94	13 45	664	579	20 4	85	21 8	976	925	10 30	51	187	·93	1	84·4
4	18 20	1021	1000	2 10	21	13 39	648	615	0 23	33	23 13	951	939	2 30	12	17	·08	0	84·7
5	18 31	1020	1000	1 52	20	12 49	642	625	0 8	17	15 30	948	939	2 30	9	8	·04	0	84·7
6	1 18	1024	1000	13 14	24	13 36	652	625	9 45	27	15 33	947	939	10 10	8	14	·07	0	84·7
7	21 18	1048	1000	13 16	48	1 20	655	591	21 1	64	14 40	949	935	2 11	14	66	·33	1	84·7
8	6 48	1025	995	21 37	30	13 10	641	603	22 50	38	22 2	952	939	10 30	13	25	·12	1	84·7
9	8 11	1029	997	12 20	32	13 27	643	617	0 30	26	22 15	950	936	10 38	14	19	·09	0	84·7
10	21 21	1044	936	16 32	108	11 49	668	536	21 13	132	16 41	1007	936	11 10	71	341	1·69	2	84·7
11	22 30	1036	989	18 49	47	12 9	642	599	22 52	43	19 5	957	934	2 14	23	46	·23	1	84·7
12	6 30	1022	993	0 30	29	11 23	643	605	0 30	38	16 6	950	940	9 41	10	24	·12	0	84·7
13	9 22	1019	1008	0 11	11	13 8	640	620	1 25	20	0 10	948	937	10 12	11	6	·03	0	84·7
14	17 43	1022	1009	11 11	13	12 28	640	618	0 19	22	0 10	945	936	11 40	9	7	·04	0	84·7
15	15 9	1024	985	22 1	39	17 50	648	603	22 3	45	22 3	971	940	12 52	31	45	·22	1	84·5
16	5 53	1042	998	11 0	44	12 50	658	600	2 21	58	0 1	955	929	5 53	26	60	·30	1	84·6
17	18 17	1032	1002	19 43	30	11 26	646	585	20 58	61	20 42	954	937	3 40	17	49	·24	1	84·5
18	23 33	1033	997	11 35	36	13 18	646	595	23 56	51	22 43	945	937	11 0	8	40	·20	0	84·5
19	7 48	1029	997	15 55	32	14 18	645	594	0 12	51	0 18	945	933	10 9	12	38	·19	0	84·3
20	20 35	1027	1007	12 30	20	13 31	645	616	0 20	29	16 26	940	933	13 0	7	13	·00	0	84·4
21	15 39	1029	1012	11 38	17	13 42	648	627	10 53	21	1 0	937	925	12 50	12	9	·04	0	84·5
22	2 30	1046	961	18 47	85	2 23	650	577	2 56	73	19 10	962	918	4 26	44	145	·72	1	84·3
23	21 23	1105	969	13 16	136	2 57	658	541	18 12	117	18 10	959	892	3 10	67	367	1·82	2	84·3
24	19 51	1057	979	17 0	78	1 53	673	577	18 49	96	18 8	957	909	24 0	48	176	·87	1	84·3
25	3 45	1034	979	13 7	55	14 12	650	592	1 3	58	17 22	945	908	0 30	37	78	·39	1	84·3
26	20 2	1026	968	15 9	58	12 29	647	605	14 32	42	15 8	954	933	10 0	21	56	·28	1	84·1
27	19 56	1040	997	11 37	43	1 50	644	616	18 38	28	14 50	940	926	1 55	14	28	·14	0	84·1
28	20 10	1031	1006	14 32	25	13 46	639	603	18 39	36	18 50	937	930	24 0	7	20	·10	0	83·9
29	18 5	1104	933	21 28	171	17 54	769	434	18 21	335	20 32	1195	889	23 59	306	2351	11·67	2	83·9
30	2 20	1080	807	1 43	273	6 58	661	439	0 39	222	15 51	950	681	Between 1 23 & 2 1	269	1962	9·74	2	83·9
31	7 18	1019	982	20 18	37	13 50	643	607	19 3	36	20 32	946	930	13 10	16	29	·14	1	83·9
Mean	—	1039	984	—	55	—	653	590	—	63	—	960	921	—	39	201	—	0·65	84·3
No. of Days used.	—	31	31	—	31	—	31	31	—	31	—	31	31	—	31	31	—	31	31

§ For explanation *see* page 101. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

215. Eskdalemuir. (X.) **February, 1924.**

15,000 γ (·15 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1015	1010	1007	1003	1006	1008	1012	1017	1016	1011	1003	999	996	996	999	1009	1011	1012	1012	1017	1017	1016	1016	1017	1011	1009
2	1011	1015	1013	1016	1019	1016	1015	1017	1018	1014	1006	1001	1000	1006	1011	1013	1014	1016	1016	1016	1016	1017	1019	1016	1017	1014
3	1017	1017	1016	1016	1017	1020	1022	1025	1021	1020	1016	1017	1016	1017	1017	1018	1017	1020	1012	1014	1017	1016	1016	1018	1018	1018
4	1018	1022	1017	1018	1020	1020	1022	1025	1022	1021	1020	1017	1015	1018	1020	1023	1020	1019	1016	1022	1024	1024	1021	1018	1018	**1020**
5D	1018	1017	1017	1019	1020	1022	1025	1028	1032	1032	1029	1025	1017	1007	1006	1005	1004	1011	1021	1029	1032	1022	990	1025	976	1018
6D	976	1005	997	991	996	1011	1002	1007	1011	1012	1004	992	992	998	998	1006	1006	1015	1015	1011	1010	1020	1009	1014	1014	**1005**
7	1014	1018	1011	1007	1016	1016	1010	1015	1010	1008	1009	1005	1005	1004	1001	1010	997	1007	1006	1005	1012	1036	1015	1012	1015	1010
8	1015	1011	1012	1016	1016	1016	1016	1016	1016	1012	1008	1007	1010	1009	1008	1012	1015	1016	1017	1017	1016	1019	1017	1029	1017	1014
9	1017	1016	1016	1016	1016	1018	1019	1017	1017	1015	1010	1006	1005	1006	1011	1017	1017	1018	1019	1019	1019	1020	1021	1019	1019	1016
10	1018	1019	1018	1019	1019	1020	1024	1018	1019	1022	1015	1010	1006	1013	1022	1026	1024	1026	1021	1011	1010	1021	1018	1035	1012	1019
11	1012	1034	1013	1009	1011	1015	1019	1015	1016	1015	1009	1006	1008	1010	1016	1020	1018	1015	1018	1018	1016	1019	1028	1017	1017	1016
12	1017	1016	1018	1017	1018	1020	1020	1014	1020	1019	1010	1013	1012	1015	1014	1015	1013	1015	1016	1018	1019	1020	1020	1020	1023	1017
13	1023	1018	1028	1018	1016	1019	1024	1019	1015	1010	1006	1001	1003	1008	1011	1015	1016	1012	1013	1015	1016	1015	1016	1016	1016	1015
14Q	1016	1018	1015	1014	1011	1018	1019	1022	1019	1014	1001	999	999	1000	1006	1014	1016	1018	1019	1019	1020	1020	1019	1019	1019	1014
15Q	1019	1019	1019	1019	1019	1021	1023	1024	1025	1021	1014	1011	1009	1009	1014	1019	1018	1019	1021	1021	1020	1019	1019	1019	1019	1018
16	1019	1019	1019	1019	1023	1031	1040	1043	1031	1013	1006	1002	994	990	1001	1012	1016	1016	1015	1016	1014	1015	1019	1021	1020	1016
17	1020	1020	1023	1021	1020	1021	1020	1024	1024	1022	1008	991	996	1005	1006	1005	1010	1011	1011	1022	1018	1016	1016	1018	1019	1014
18Q	1019	1018	1018	1019	1017	1018	1019	1019	1019	1015	1010	1005	999	1004	1009	1011	1014	1016	1019	1020	1023	1024	1023	1023	1021	1016
19	1021	1020	1020	1022	1024	1024	1025	1025	1024	1021	1011	1000	1004	1006	1015	1019	1023	1020	1024	1026	1019	1005	1015	1019	1024	1018
20D	1024	1021	1022	1025	1030	1047	1034	1035	1026	1024	1019	1015	985	991	986	1001	1000	1010	1023	985	1005	1009	1014	1035	1015	1015
21D	1015	1010	1011	1015	1013	1006	1019	1021	1014	1006	999	995	992	976	986	1001	1005	1000	1013	1011	1011	1012	1022	1016	1023	1007
22	1023	1023	1012	999	1011	1019	1011	1019	1018	1012	1006	1002	992	997	994	1000	1005	1015	1015	1021	1024	1019	1019	1021	1020	1011
23D	1020	1019	1020	1013	1009	1018	1020	1015	1013	1013	985	999	979	985	1006	1006	1016	1014	1017	1039	1044	1044	1011	1009	1012	1013
24	1011	1013	1014	1014	1016	1018	1018	1018	1018	1006	995	995	990	1003	1010	1010	988	1009	1007	1017	1010	1022	1017	1020	1022	1010
25	1022	1019	1017	1015	1014	1012	1014	1022	1006	1001	993	997	999	1004	1009	1013	1010	1014	1018	1016	1016	1014	1028	1023	1027	1012
26	1027	1025	1009	1009	1013	1018	1022	1009	1013	1009	1003	1000	1003	1004	995	1005	1005	1014	1018	1022	1020	1028	1017	1017	1018	1012
27	1018	1018	1014	1015	1018	1018	1018	1017	1015	1012	1004	998	998	998	1000	1008	1013	1015	1019	1023	1019	1022	1018	1018	1018	1013
28Q	1018	1018	1018	1018	1015	1019	1019	1022	1019	1017	1011	1003	997	998	1001	1013	1014	1017	1016	1019	1018	1019	1019	1023	1021	1015
29Q	1021	1015	1014	1017	1016	1018	1019	1022	1022	1016	1009	1004	1004	1008	1014	1018	1018	1018	1019	1019	1019	1019	1019	1019	1019	1016
Mean†	1016	1017	1016	1015	1016	1019	1020	**1021**	1019	1015	1008	1004	**1001**	1003	1007	1012	1012	1015	1016	1017	1018	1019	1017	1020	1017	1014

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

216. Eskdalemuir. (—Y.) **February, 1924.**

4,000 γ (·04 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	625	632	628	620	619	620	623	622	620	618	621	624	629	631	633	631	630	628	623	623	624	623	624	624	624	625
2	624	628	638	624	624	623	624	626	625	623	623	626	631	635	638	632	629	628	628	628	626	625	625	625	625	627
3	625	624	626	624	625	623	624	622	621	617	620	626	634	641	641	634	631	633	620	623	624	624	623	624	628	626
4	628	632	625	628	626	627	627	625	625	624	627	630	630	634	636	634	632	633	628	632	630	627	624	623	625	629
5D	625	624	628	628	630	631	630	630	630	630	631	631	636	634	647	644	655	648	637	635	632	625	581	539	561	626
6D	561	600	606	621	622	624	625	628	621	620	626	627	627	638	633	631	631	618	631	628	624	606	612	617	623	621
7	623	624	616	618	618	614	617	619	620	624	626	627	631	637	635	633	622	631	634	626	622	611	603	613	618	623
8	618	621	624	624	625	625	624	623	623	624	625	629	633	635	635	635	633	632	630	623	626	623	620	615	618	626
9	618	623	623	624	624	625	623	623	624	624	625	630	630	635	638	637	633	634	633	629	621	624	623	618	617	627
10	617	616	619	619	622	622	620	619	622	628	630	635	639	642	644	643	640	646	648	654	626	627	630	613	608	**630**
11	608	632	619	604	609	612	617	622	622	622	629	631	636	640	638	633	630	628	628	627	624	619	615	623	623	624
12	623	624	623	623	622	618	618	619	626	628	629	637	637	640	639	636	631	629	627	625	623	622	622	624	627	627
13	627	618	617	624	612	610	613	617	619	622	627	630	633	635	635	631	628	629	626	627	626	624	624	623	620	624
14Q	620	621	618	617	623	621	619	622	621	618	618	622	629	636	636	633	628	628	626	626	626	622	618	623	624	624
15Q	624	622	622	622	622	623	623	623	626	625	625	628	629	633	633	632	628	627	627	627	625	623	622	623	621	626
16	621	622	622	622	626	626	620	620	620	616	625	631	637	632	632	640	634	629	628	630	625	622	621	622	623	626
17	623	624	634	622	622	623	626	625	625	622	619	628	636	637	642	636	633	626	618	602	620	623	622	621	620	625
18Q	620	623	623	622	623	624	623	622	618	618	618	623	627	633	636	635	628	627	627	626	623	623	622	623	623	625
19	623	623	623	623	623	624	623	621	622	617	619	625	634	637	640	634	631	627	628	627	625	616	618	622	625	625
20D	625	624	624	628	625	610	616	625	625	627	621	635	638	660	646	648	636	587	595	559	593	618	617	624	619	621
21D	619	623	623	622	627	626	627	622	623	618	617	622	632	634	634	636	632	625	580	575	613	623	625	619	621	621
22	621	617	598	626	620	617	619	618	618	614	617	622	632	635	636	621	613	618	613	616	614	618	621	622	619	619
23D	619	622	627	619	623	626	614	625	620	621	612	627	631	633	639	631	617	612	619	579	584	588	603	613	620	**617**
24	619	622	622	621	622	623	622	621	620	615	620	628	631	640	642	638	618	613	620	612	603	601	608	618	621	621
25	621	616	616	617	618	614	623	625	628	631	627	627	630	634	634	631	628	629	629	622	618	613	622	600	623	623
26	623	597	607	612	615	616	616	623	627	628	624	625	629	635	632	634	629	622	626	626	610	612	618	617	626	621
27	626	619	617	618	617	618	617	619	621	623	624	625	628	630	630	627	621	618	608	614	615	612	616	618	622	620
28Q	622	622	622	622	622	617	616	616	616	617	619	625	632	635	631	627	621	617	622	621	618	616	621	621	618	621
29Q	618	617	617	617	617	617	616	616	616	614	618	626	635	634	632	627	621	621	621	621	620	621	621	621	622	621
Mean†	619	622	622	622	622	621	621	622	622	621	623	628	633	637	**637**	634	629	626	624	619	620	619	618	**617**	619	624

Q denotes an " International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

† Mean of 27 days; 26th and 27th omitted.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

217. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **February, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	934	930	926	930	933	933	934	935	937	937	934	936	937	934	937	938	940	940	938	937	937	937	937	937	937	935
2	937	936	929	932	933	933	933	933	934	937	937	937	937	933	933	936	937	937	935	936	936	936	936	937	937	935
3	937	936	935	934	933	933	932	933	933	935	933	931	927	926	929	930	932	932	935	937	935	935	936	934	933	933
4	934	931	933	933	933	931	930	930	930	931	930	930	930	929	929	933	933	934	934	934	933	933	934	935	935	932
5D	935	934	934	933	932	931	930	930	927	926	926	926	925	926	929	935	938	938	938	934	934	934	942	917	931	**931**
6D	931	931	937	939	941	938	938	938	938	938	938	939	942	942	943	950	950	950	946	942	943	943	942	942	942	941
7	942	938	938	938	938	938	938	934	934	934	934	934	934	935	939	946	949	946	944	946	946	935	935	938	938	939
8	939	939	939	939	939	939	939	937	935	935	934	934	931	932	934	938	939	939	939	939	939	938	937	935	934	937
9	934	935	935	935	935	935	935	935	932	931	931	931	931	931	931	934	935	935	935	936	937	936	935	935	935	934
10	935	935	935	935	935	934	934	934	934	934	935	935	932	931	932	934	935	935	938	944	951	947	944	936	936	936
11	937	928	915	920	925	931	932	933	933	936	935	933	932	932	935	936	939	939	939	937	937	938	936	936	936	933
12	936	935	935	935	935	936	936	936	934	932	933	933	936	935	937	940	940	940	940	940	939	937	937	936	936	936
13	936	935	932	931	933	933	933	933	933	935	936	939	937	939	941	941	941	940	940	940	940	940	940	940	940	937
14Q	940	940	940	940	939	937	937	937	940	940	940	940	938	936	936	939	939	939	939	939	939	939	940	938	937	939
15Q	937	937	937	936	936	936	936	936	936	937	939	939	936	935	936	938	939	937	937	939	939	940	940	940	939	937
16	940	938	938	937	937	933	933	931	932	933	933	933	932	933	936	938	941	940	941	941	941	941	941	941	938	937
17	938	937	936	934	936	936	936	936	937	940	937	937	937	937	940	942	944	942	943	944	940	938	939	939	938	939
18Q	939	938	938	938	938	937	937	938	938	940	938	935	934	933	932	934	937	937	937	937	937	937	937	937	937	937
19	937	938	938	937	937	935	934	934	934	934	931	930	929	930	930	933	934	934	934	934	935	942	942	938	937	935
20D	937	938	937	933	922	916	918	919	924	926	930	926	930	932	943	953	959	972	962	964	954	943	942	935	931	938
21D	931	934	938	937	934	933	930	930	930	934	934	934	935	942	946	947	948	951	958	956	946	945	939	938	936	940
22	937	935	938	935	932	936	936	936	938	938	936	935	937	938	945	952	958	952	948	946	943	940	942	941	941	941
23D	941	942	939	938	938	938	938	938	939	939	942	938	941	947	947	952	958	954	951	951	940	934	931	936	938	942
24	938	939	939	940	940	940	940	940	940	942	938	935	938	938	939	944	958	955	950	948	948	947	943	939	935	**942**
25	936	936	938	940	940	940	939	935	936	935	937	932	935	935	937	941	946	944	944	944	944	945	941	935	923	939
26	923	922	928	932	936	937	937	937	935	936	*	—	—	—	—	—	-	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	*	937	937	939	943	944	944	945	944	943	942	940	940	939	—
28Q	939	939	939	939	939	939	939	939	939	937	936	936	935	935	934	938	941	942	940	940	940	940	940	939	937	938
29Q	937	936	936	936	936	936	936	936	935	936	932	931	929	932	935	937	939	940	940	940	940	939	939	939	939	936
Mean †	937	936	935	935	935	935	935	934	935	935	935	**934**	**934**	934	936	940	**943**	942	942	942	940	939	939	937	936	937

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

218. Eskdalemuir. **February, 1924.**

Day.	Terrestrial Magnetic Force.																		Character Figures. §		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.											
	Maximum 15000 γ +		Minimum 15000 γ +		Range.	Maximum 4000 γ +		Minimum 4000 γ +		Range.	Maximum 44000 γ +		Minimum 44000 γ +		Range.				ΣR²	ρ		
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ				100²			*a.*
1	23 19	1021	990	13 10	31	13 35	640	611	18 23	29	18 30	941	925	1 40	16				21	·26	0	83·9
2	4 18	1021	996	11 42	25	1 31	646	618	9 12	28	11 20	938	928	2 10	10				15	·19	0	84·1
3	15 2	1028	1000	18 38	28	13 30	650	609	18 29	41	18 36	941	925	13 9	16				27	·34	0	84·1
4	0 42	1032	1011	18 18	21	0 39	642	619	22 53	23	22 58	936	926	13 20	10				11	·13	0	84·1
5	22 34	1072	945	23 52	127	15 53	662	533	23 41	129	22 11	954	906	23 20	48				351	4·38	1	84·1
6	20 59	1035	967	0 1	68	13 25	646	556	0 1	90	16 53	953	930	1 19	23				133	1·65	1	84·1
7	20 43	1050	981	15 39	69	20 46	648	584	21 10	64	16 0	950	932	20 51	18				92	1·15	1	84·1
8	23 12	1043	1004	13 35	39	13 55	638	608	23 28	30	19 13	941	931	12 0	10				25	·31	0	84·1
9	22 10	1025	1001	12 15	24	14 51	639	609	20 18	30	20 30	939	930	9 50	9				16	·19	0	84·0
10	22 33	1058	999	19 52	59	18 42	662	597	23 23	65	20 4	954	931	13 2	23				82	1·03	1	84·0
11	1 12	1058	1000	1 52	58	1 15	650	598	2 48	52	20 40	940	912	1 40	28				69	·85	1	83·9
12	8 10	1022	1009	7 6	13	13 23	642	616	6 10	26	15 53	941	931	9 30	10				9	·12	0	84·0
13	0 19	1036	1000	11 20	36	0 16	638	606	5 2	32	15 37	943	929	3 13	14				25	·31	0	84·1
14	7 5	1024	997	12 30	27	13 56	638	615	21 20	23	9 43	941	935	13 0	6				13	·16	0	84·3
15	8 16	1026	1006	12 51	20	14 0	635	619	24 0	16	2 38	940	934	12 40	6				7	·09	0	84·1
16	6 59	1045	982	12 41	63	4 27	640	612	9 6	28	20 0	943	930	7 20	13				49	·61	1	84·2
17	2 25	1035	985	10 42	50	2 10	649	594	18 38	55	18 40	945	931	2 29	14				57	·71	1	84·2
18	21 21	1025	995	12 3	30	14 20	640	615	10 5	25	8 50	941	932	14 0	9				16	·20	0	84·3
19	19 14	1038	995	10 50	43	13 39	647	608	21 20	39	21 28	945	929	12 0	16				36	·45	0	84·3
20	17 27	1074	961	19 5	113	13 0	680	507	19 8	173	17 18	990	913	5 10	77				486	6·07	2	84·3
21	6 43	1032	962	13 20	70	16 36	650	543	18 31	107	18 23	959	928	7 56	31				173	2·16	1	84·2
22	19 58	1034	981	13 59	53	12 42	644	586	16 9	58	16 9	962	931	3 51	31				71	·89	1	84·1
23	18 58	1068	966	11 58	102	14 12	652	557	18 45	95	15 53	960	930	21 50	30				203	2·54	1	84·1
24	21 23	1025	975	16 23	50	14 40	652	592	16 25	60	16 21	960	934	24 0	26				68	·85	1	84·2
25	22 12	1048	986	9 16	62	23 50	642	584	23 11	58	16 0	947	920	24 0	27				79	·99	1	84·2
26	21 11	1048	988	14 12	60	15 47	648	586	20 6	62	*	*	917	0 16	*				—	—	1	84·2
27	18 48	1028	991	12 24	37	0 9	638	602	17 38	36	17 51	946	*	*	*				—	—	0	84·2
28	23 6	1025	994	11 55	31	12 48	636	613	20 58	23	17 0	943	933	13 45	10				16	·20	0	84·1
29	17 50	1023	1001	11 0	22	12 23	640	613	3 20	27	16 40	940	928	11 28	12				14	·17	0	84·1
Mean	—	1038	989	—	49	—	646	593	—	53	—	948	927	—	†20				80	—	0·52	84·1
No. of Days used	—	29	29	—	29	—	29	29	—	29	—	28	28	—	27				27	—	29	29

§ For explanation *see* page 101. † Mean for 27 days; 26th and 27th omitted. * Lamp out of adjustment.
Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

219. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **March, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1Q	1018	1018	1018	1018	1019	1022	1022	1022	1022	1018	1015	1014	1014	1018	1018	1018	1019	1019	1019	1021	1021	1023	1023	1022	1028	1019
2	1028	1023	1023	1023	1022	1023	1027	1027	1023	1021	1014	1012	1008	1004	1004	1010	1003	1009	1024	1021	1011	1009	1018	1019	1023	1017
3	1023	1028	1027	1026	1021	1018	1018	1018	1021	1013	1000	999	998	995	995	1009	1005	998	1007	1013	1008	1012	1017	1023	1010	1012
4	1010	1011	1013	1013	1015	1018	1014	1014	1009	1004	999	999	1003	1009	1013	1013	1010	1009	1010	1018	1018	1029	1028	1018	1023	1013
5	1023	1018	1015	1024	1018	1020	1023	1018	1015	1012	989	984	996	1000	1008	1003	996	995	998	1010	1011	1016	1014	1022	1013	**1009**
6	1013	1018	1019	1019	1018	1018	1017	1018	1018	1018	1017	1010	1012	1010	1013	990	993	997	1000	994	999	1005	1014	1014	1019	1010
7D	1019	1029	1023	1017	1017	1018	1018	1026	1017	1009	1001	1000	997	999	999	1009	1013	1017	1023	1020	1034	1045	996	1047	1032	1017
8D	1032	1008	1000	1005	1007	1018	1013	1015	1011	1011	1012	1009	1005	1008	1000	1003	1019	1022	1023	1025	1019	1013	1008	1025	1019	1013
9	1019	1018	1008	1017	1015	1019	1010	1033	1024	1013	976	963	988	999	999	1005	1014	1014	1020	1023	1015	1018	1037	1045	1011
10	1045	1012	1015	1023	1017	1018	1021	1023	1018	1018	1010	995	1001	1001	1001	1005	1014	1018	1023	1024	1023	1019	1023	1023	1022	1016
11	1022	1023	1023	1015	1019	1028	1024	1018	1014	1009	999	994	998	1004	1009	1014	1015	1018	1023	1023	1024	1023	1023	1028	1024	1016
12	1024	1027	1015	1013	1022	1030	1033	1029	1018	1020	1014	1005	1002	1010	1012	1015	1018	1020	1023	1027	1023	1023	1023	1023	1022	1019
13	1022	1021	1021	1023	1023	1023	1022	1019	1018	1017	1012	1008	1005	1009	1010	1018	1021	1023	1024	1024	1024	1027	1030	1028	1019	1020
14Q	1019	1022	1020	1023	1023	1023	1022	1018	1014	1010	1009	1008	1009	1013	1018	1022	1023	1024	1026	1028	1024	1025	1027	1024	1020
15Q	1024	1028	1024	1026	1025	1024	1028	1024	1019	1013	1005	1002	999	1001	1007	1015	1024	1026	1028	1028	1028	1029	1033	1029	1033	1021
16	1033	1033	1033	1032	1030	1033	1033	1030	1024	1015	1010	1008	1007	1010	1014	1025	1025	1013	1002	1000	1022	1023	1024	1024	1023	1021
17Q	1023	1022	1020	1021	1022	1022	1024	1023	1018	1010	1008	1004	1003	1003	1008	1015	1014	1018	1023	1024	1023	1024	1024	1024	1025	1018
18	1025	1025	1024	1024	1024	1024	1023	1023	1023	1022	1014	1004	999	999	1004	1013	1015	1023	1024	1019	1025	1029	1033	1029	1029	1020
19	1029	1028	1029	1033	1033	1030	1038	1031	1028	1022	1009	998	999	998	1009	1022	1023	1028	1033	1030	1025	1037	1023	1020	1023	1023
20D	1023	1024	1028	1028	1041	1037	1033	1024	1009	993	999	994	995	989	1009	1017	1019	1022	1022	1023	1023	1027	1028	1043	1037	1019
21	1037	1016	1018	1020	1027	1014	1017	1024	1009	1003	979	975	985	991	1004	1015	1024	1025	1023	1022	1038	1025	1025	1033	1032	1014
22	1033	1034	1016	1015	1019	1028	1029	1030	1026	1020	1004	992	990	997	997	1011	1012	1023	1025	1025	1030	1034	1052	1028	1026	1019
23	1026	1028	1029	1024	1020	1019	1020	1023	1015	990	979	986	985	980	986	1015	1019	1019	1024	1043	1026	1027	1038	1026	1026	1014
24	1026	1024	1025	1021	1024	1025	1025	1025	1020	1010	1049	991	990	1005	1014	1020	1026	1029	1028	1029	1030	1030	1030	1030	1029	1022
25	1029	1028	1029	1029	1028	1031	1035	1034	1015	1004	994	980	973	993	1004	1011	1017	1023	1025	1029	1029	1030	1029	1029	1028	1018
26	1028	1029	1029	1030	1030	1029	1029	1029	1023	1015	1003	992	988	992	1004	1010	1011	1021	1030	1030	1033	1026	1033	1030	1033	1020
27	1033	1029	1021	1020	1029	1034	1035	1039	1030	1020	1006	995	992	995	1004	1010	1018	1025	1025	1028	1030	1030	1030	1030	1030	1021
28Q	1030	1029	1028	1028	1026	1024	1023	1026	1027	1019	1011	1001	997	999	1005	1016	1025	1029	1029	1029	1029	1029	1029	1029	1029	1021
29	1029	1026	1028	1028	1035	1025	1035	1036	1034	1019	1004	995	998	1001	1009	1018	1025	1031	1022	1038	1041	1040	1040	1040	1038	**1025**
30D	1038	1035	1038	1039	1039	1040	1043	1043	1023	1006	994	979	982	986	994	990	995	1019	1012	1014	1029	1053	1035	1006	1023	1018
31D	1023	1031	1028	1018	1028	1019	1028	1017	1004	994	988	984	1002	1001	1015	1013	1016	1023	1014	1019	1024	1034	1025	1024	1024	1015
Mean	1026	1024	1022	1022	1024	1024	1025	1025	1019	1012	1004	**996**	997	1000	1006	1012	1015	1019	1020	1022	1024	1026	1026	**1027**	1026	1017

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

220. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **March, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1Q	622	623	623	623	621	618	617	618	619	620	625	632	634	635	631	628	624	626	627	624	624	623	623	623	627	624
2	627	622	622	617	612	612	615	616	621	624	634	638	643	644	640	638	641	631	631	623	608	578	601	617	618	623
3	618	608	605	589	598	605	612	609	609	610	631	641	657	666	669	643	641	628	619	611	604	613	607	600	608	620
4	608	612	614	620	619	617	617	616	613	614	616	622	631	635	634	630	625	625	629	627	625	610	613	618	613	621
5	613	608	618	627	613	611	612	613	611	614	615	633	648	654	657	657	649	642	631	625	625	622	617	607	606	**626**
6	606	608	602	605	609	613	612	612	618	618	624	622	628	642	652	658	648	631	615	591	596	615	622	618	621	620
7D	621	609	602	608	607	614	618	619	608	609	621	637	649	649	644	635	630	628	629	628	588	551	587	619	580	616
8D	580	602	626	627	626	627	624	616	608	603	608	613	632	642	649	635	632	628	627	625	622	586	597	617	605	619
9	605	612	625	617	617	612	619	614	609	596	598	611	634	643	642	633	633	628	622	618	605	601	617	613	591	617
10	591	582	600	596	613	618	618	616	612	612	623	622	637	644	646	640	630	629	628	624	622	611	618	619	617	619
11	617	621	621	632	622	622	617	618	612	613	620	624	641	648	648	640	631	624	623	622	622	618	621	606	606	624
12	606	606	606	616	621	610	610	613	615	612	613	621	627	641	642	635	633	626	623	623	622	622	618	616	616	620
13	615	616	616	617	617	617	616	616	612	612	617	623	631	638	638	634	625	621	620	621	621	621	620	607	611	620
14Q	611	616	612	615	615	615	615	611	610	607	612	623	633	639	638	633	626	620	620	620	616	621	620	620	618	620
15Q	618	616	615	615	610	613	611	609	604	602	613	624	633	639	638	633	628	620	621	623	622	618	615	622	622	619
16	622	623	621	619	619	616	615	614	606	610	613	622	629	635	638	638	631	624	624	622	620	615	616	620	621	621
17Q	621	617	622	617	615	615	615	611	608	607	612	624	635	640	638	633	622	617	616	616	616	617	621	621	620	620
18	620	620	620	617	617	616	615	610	605	604	607	618	630	636	640	635	628	626	622	599	620	625	624	621	620	620
19	620	620	620	619	618	623	614	608	605	607	618	631	647	645	644	638	628	621	622	627	613	586	626	620	622	622
20D	622	621	616	636	613	613	608	616	607	615	621	621	641	635	638	636	624	623	621	625	621	621	605	589	612	620
21	612	605	616	619	615	622	632	616	608	607	607	619	633	639	640	638	635	626	621	610	607	605	614	620	631	620
22	631	614	618	623	623	610	609	604	599	599	604	615	630	641	640	640	634	617	625	620	608	592	599	613	616	617
23	616	619	619	621	623	622	622	615	601	599	602	615	639	648	639	639	634	622	621	597	609	615	611	615	619	619
24	619	620	620	617	621	619	615	609	601	602	604	622	636	650	648	638	629	620	616	619	619	616	616	618	617	621
25	617	616	618	617	616	615	615	606	600	602	603	615	629	642	647	643	632	621	616	616	615	611	610	615	615	618
26	614	614	614	614	614	614	614	608	599	593	601	610	627	636	643	638	633	626	620	619	617	608	613	614	614	617
27	614	618	613	628	614	612	607	606	602	598	601	609	627	645	648	643	629	620	619	615	618	619	619	618	618	619
28Q	618	618	614	613	609	610	609	607	601	598	606	617	631	639	635	631	623	615	613	614	615	617	615	616	616	616
29	616	615	614	614	617	625	606	603	600	607	618	629	635	639	638	633	628	627	621	628	627	626	623	621	616	621
30D	616	617	615	612	611	611	610	618	617	612	616	637	648	652	667	672	639	642	648	600	609	540	560	565	632	618
31D	632	597	576	586	587	600	599	600	596	598	613	619	628	638	643	638	627	624	612	613	614	606	607	614	615	**611**
Mean	615	613	614	616	615	615	614	612	607	**607**	613	623	636	643	**644**	639	631	625	623	618	615	607	612	614	615	620

Q denotes an " International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

221. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **March, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1Q	940	938	938	938	937	937	937	937	937	934	933	933	930	930	933	934	937	936	937	937	937	937	937	937	936	936
2	936	933	931	931	933	933	933	933	933	933	933	934	937	939	941	944	466	941	941	941	947	954	946	942	941	938
3	941	939	936	933	934	935	935	936	936	935	933	932	932	934	941	950	953	953	953	953	956	954	950	946	944	942
4	944	941	941	940	940	938	937	937	939	938	938	937	937	938	941	942	945	945	941	941	941	941	938	940	940	940
5	941	938	938	935	933	934	935	938	938	936	934	934	931	935	940	947	957	966	967	963	958	951	950	943	944	943
6	944	942	941	939	939	938	938	938	935	934	931	930	931	934	938	953	963	970	975	974	967	956	951	947	945	**946**
7D	945	933	927	933	934	934	933	931	934	934	931	927	927	931	937	942	942	942	941	941	944	938	935	907	913	934
8D	913	923	926	918	921	918	921	926	933	934	934	932	931	934	938	946	943	942	939	938	942	950	947	930	925	933
9	925	926	922	924	931	934	935	934	938	937	938	937	933	931	935	945	947	947	950	949	947	946	942	935	918	937
10	918	918	925	927	930	933	934	935	935	935	931	931	930	933	938	942	945	943	941	939	939	942	939	938	938	935
11	938	937	935	931	930	929	930	931	933	931	930	930	926	926	930	936	939	938	938	938	936	936	936	935	931	933
12	931	929	930	926	918	922	922	926	930	931	933	930	929	926	930	934	938	938	938	935	935	934	934	934	934	931
13	935	935	934	934	934	934	935	935	934	932	931	928	923	923	926	930	934	935	935	935	935	935	934	934	934	932
14Q	934	934	934	934	934	934	934	935	935	934	930	928	923	923	927	931	935	938	936	935	935	935	935	934	934	933
15Q	934	932	933	932	932	932	934	935	935	935	931	927	926	927	928	932	935	935	933	934	934	934	934	932	931	932
16	931	931	931	931	931	931	931	931	932	934	931	930	929	927	927	932	939	943	952	954	946	940	939	936	935	935
17Q	935	935	933	932	933	934	934	936	936	936	932	928	926	924	927	934	939	939	935	935	935	935	935	935	935	933
18	935	934	934	934	933	933	934	935	935	934	927	923	922	923	927	934	938	935	938	943	939	935	935	935	935	933
19	935	935	934	932	931	930	927	928	928	927	925	924	923	927	931	935	939	939	936	937	939	939	939	937	937	932
20D	938	936	936	929	916	919	920	923	925	929	928	928	928	932	935	936	939	937	936	935	936	935	936	924	920	930
21	920	925	930	929	931	929	924	927	931	931	928	927	924	924	928	932	936	940	940	941	937	936	935	929	919	931
22	919	915	920	920	920	923	930	932	932	932	931	929	928	931	933	937	943	948	937	935	936	937	925	924	927	930
23	927	929	931	932	928	928	928	928	931	931	928	923	920	924	932	939	942	944	940	940	936	932	930	929	931	931
24	931	932	932	932	932	932	932	932	932	932	929	927	924	924	930	936	940	940	939	936	933	932	932	931	931	932
25	931	932	932	931	931	931	932	935	936	932	927	924	920	920	924	931	933	936	936	933	933	932	932	931	931	931
26	931	931	931	931	932	932	932	932	933	931	926	924	924	924	928	931	935	936	936	935	933	936	933	932	930	931
27	930	929	928	920	920	923	924	926	928	927	923	920	916	920	925	932	935	937	937	936	935	932	932	931	929	928
28Q	929	928	929	929	931	931	931	931	931	928	926	923	920	921	926	929	931	932	932	932	932	932	932	932	932	929
29	932	931	931	931	929	927	926	927	927	924	919	916	915	914	919	926	931	936	936	933	932	932	932	932	932	927
30D	932	931	929	929	929	929	929	928	928	928	928	928	924	927	928	935	941	953	965	969	957	957	924	924	904	935
31D	904	888	888	890	895	913	924	929	931	935	934	932	931	925	927	935	939	940	940	940	937	936	935	934	934	**925**
Mean	932	930	930	929	929	930	931	932	933	932	930	928	**926**	927	931	937	941	**942**	942	942	940	939	937	933	931	933

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

222. Eskdalemuir. **March, 1924.**

Day.	Terrestrial Magnetic Force.																		Character Figures. §		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.								ΣR^2	ρ		
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.							
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ							
1	23 5	1029	1013	11 40	16	12 28	639	616	6 38	23	22 52	939	929	12 36	10				100γ^2			a
2	0 11	1035	989	16 16	46	15 55	660	570	21 10	90	21 3	957	930	1 52	27				9	·07	0	84·1
3	1 14	1038	989	13 23	49	13 58	679	583	3 31	96	20 0	957	930	11 23	27				109	·91	1	84·1
4	21 29	1049	998	10 30	51	13 17	639	599	21 9	40	16 40	946	937	12 0	9				123	1·03	1	84·1
5	3 38	1035	977	10 44	58	13 42	662	601	23 40	61	17 53	969	930	3 38	39				43	·36	0	84·1
6	2 30	1023	979	15 21	44	14 57	665	579	19 23	86	17 43	976	929	10 42	47				86	·72	0	84·0
7	20 30	1121	979	21 31	142	13 24	663	514	20 26	149	20 10	950	899	23 3	51				115	·96	1	83·9
8	23 41	1035	979	14 32	56	14 12	659	573	21 32	86	21 31	951	911	0 1	40				450	3·74	2	83·9
9	23 10	1071	955	11 0	116	13 32	651	581	20 2	70	18 39	951	918	24 0	33				121	1·01	1	83·9
10	0 1	1047	988	11 28	59	13 31	653	572	1 20	81	15 58	946	914	0 32	32				194	1·62	1	83·9
11	22 43	1039	989	11 24	50	13 8	652	594	23 4	58	16 8	940	925	12 40	15				111	·92	1	83·9
12	5 20	1034	998	11 58	36	13 44	646	597	1 50	49	17 20	938	918	4 10	20				61	·51	0	83·9
13	22 25	1038	1004	12 39	34	13 26	640	603	22 49	37	17 12	936	923	12 50	13				41	·34	0	83·8
14	20 7	1033	1005	12 23	28	13 23	642	606	8 45	36	16 40	939	923	12 40	16				27	·22	0	83·8
15	22 11	1036	998	12 0	38	13 32	640	601	8 35	39	16 40	936	926	12 40	10				23	·19	0	83·8
16	15 14	1041	993	18 28	48	15 15	650	603	8 18	47	18 50	955	926	13 31	29				31	·25	0	83·7
17	19 31	1028	999	12 26	29	13 24	643	604	9 24	39	16 2	939	923	12 45	16				54	·44	1	83·7
18	21 32	1034	998	11 40	36	13 53	644	582	19 5	62	19 12	946	920	11 3	26				26	·22	0	83·7
19	20 50	1053	989	11 37	64	11 58	661	578	20 53	83	21 10	940	922	12 0	18				58	·48	1	83·7
20	22 58	1074	978	12 40	96	3 4	655	562	23 28	93	16 20	940	912	3 53	28				113	·94	1	83·8
21	20 6	1067	967	11 11	100	12 52	651	594	8 48	57	17 12	944	920	24 0	24				186	1·55	1	83·8
22	21 25	1087	985	11 3	102	13 17	656	548	21 19	108	16 41	952	912	0 30	40				138	1·15	1	83·8
23	19 22	1084	971	13 20	113	12 49	659	580	19 6	79	16 9	944	919	12 10	25				237	1·97	1	83·8
24	17 19	1038	984	11 56	54	13 40	656	598	9 26	58	17 30	940	924	12 50	16				196	1·63	1	83·8
25	6 47	1039	961	11 56	78	13 46	653	592	8 30	61	7 48	937	919	12 55	18				65	·54	0	83·8
26	20 11	1044	961	12 10	83	14 7	645	592	9 0	53	20 50	936	924	11 42	12				101	·84	0	83·7
27	7 0	1043	990	11 58	53	14 22	650	598	9 43	52	17 40	939	915	12 12	24				98	·82	0	83·6
28	21 46	1034	995	12 10	39	13 41	641	595	9 12	46	17 10	932	920	12 15	12				61	·51	1	83·7
29	16 31	1048	991	11 21	57	13 51	641	598	8 22	43	17 21	939	912	12 50	27				38	·31	0	83·7
30	21 13	1097	966	15 32	131	14 46	685	502	20 58	183	18 35	972	903	24 0	69				58	·48	1	83·7
31	0 13	1051	971	11 13	80	0 1	653	551	1 28	102	17 52	940	883	3 27	57				554	4·00	2	83·7
Mean	—	1049	985	—	64	—	653	583	—	70	—	940	919	—	27				201	1·07	1	83·7
No. of Days used.	—	31	31	—	31	—	31	31	—	31	—	31	31	—	31				120		0·05	83·8
																			31		31	31

§ For explanation *see* page 101. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

223. Eskdalemuir. (X.) **April, 1924.**

15,000 γ (·15 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1024	1023	1019	1019	1019	1023	1021	1019	1014	1004	995	994	994	1001	1007	1013	1018	1024	1022	1028	1028	1030	1028	1025	1024	**1016**
2	1024	1023	1025	1025	1025	1028	1028	1027	1022	1012	1001	998	1000	1008	1018	1022	1025	1028	1029	1033	1033	1031	1032	1033	1033	1022
3	1033	1033	1031	1033	1033	1034	1033	1033	1023	1011	999	996	1000	1007	1014	1020	1027	1029	1036	1037	1026	1016	1026	1030	1028	1023
4Q	1028	1025	1028	1032	1031	1027	1030	1023	1023	1014	1001	996	1000	1008	1017	1024	1024	1027	1028	1034	1034	1030	1030	1029	1029	1023
5Q	1029	1028	1028	1028	1028	1028	1025	1023	1018	1006	1000	996	1000	1011	1019	1025	1028	1029	1033	1034	1034	1033	1030	1028	1030	1023
6D	1030	1029	1029	1029	1028	1028	1032	1032	1030	1035	1020	1016	995	1005	1016	1031	1025	1006	1018	1022	1035	1032	1033	1033	1033	1025
7D	1033	1030	1030	1029	1028	1028	1028	1028	1023	1015	1018	1011	1014	1021	1026	1021	1030	1031	1035	1037	1020	1027	1011	1020	1028	1025
8	1028	1030	1029	1030	1030	1037	1037	1033	1022	1010	999	994	996	1003	1011	1019	1024	1025	1028	1028	1028	1029	1029	1030	1029	1022
9	1029	1028	1029	1029	1029	1029	1029	1029	1023	1013	1000	990	991	1000	1011	1021	1028	1029	1033	1031	1029	1030	1024	1029	1029	1021
10	1029	1032	1029	1028	1029	1024	1028	1025	1022	1013	1004	999	1000	1004	1011	1018	1030	1033	1034	1034	1033	1029	1029	1029	1029	1023
11Q	1030	1028	1027	1029	1031	1031	1031	1031	1026	1016	1004	995	995	1002	1014	1028	1030	1036	1036	1031	1031	1031	1032	1031	1031	1024
12	1031	1031	1030	1030	1030	1030	1030	1030	1026	1019	1008	1005	1006	1013	1024	1029	1033	1035	1038	1036	1035	1034	1030	1049	1045	1028
13Q	1045	1035	1035	1038	1036	1035	1035	1035	1035	1029	1019	1010	1007	1011	1019	1025	1030	1031	1035	1039	1038	1036	1037	1036	1035	1030
14	1035	1035	1034	1034	1034	1034	1034	1035	1034	1025	1019	1009	1006	1007	1014	1021	1028	1035	1040	1043	1042	1040	1039	1044	1044	1030
15	1044	1039	1035	1038	1035	1039	1029	1030	1030	1021	1010	1006	1002	1008	1015	1024	1025	1035	1035	1036	1035	1034	1034	1035	1039	1028
16	1039	1044	1031	1031	1035	1034	1034	1031	1030	1020	1010	1002	1000	1008	1009	1017	1023	1031	1038	1039	1038	1039	1039	1039	1038	1028
17D	1038	1038	1036	1036	1037	1039	1037	1033	1028	1019	1003	991	1000	1005	1014	1019	1026	1036	1045	1043	1038	1047	1038	1039	1038	1029
18	1038	1035	1035	1034	1031	1029	1030	1031	1028	1018	1005	1001	1005	1016	1021	1026	1034	1037	1037	1038	1040	1038	1045	1047	1044	1029
19	1044	1035	1031	1034	1035	1037	1036	1033	1028	1020	1011	1004	1002	1006	1015	1024	1030	1035	1039	1038	1039	1036	1036	1035	1036	1028
20	1036	1036	1039	1033	1022	1030	1033	1030	1021	1010	997	989	989	998	1009	1019	1024	1035	1035	1038	1038	1037	1034	1034	1031	1024
21	1032	1033	1031	1034	1037	1038	1039	1040	1036	1025	1012	1002	997	1007	1016	1025	1040	1041	1042	1045	1043	1045	1046	1051	1046	**1032**
22	1046	1044	1037	1035	1035	1037	1036	1036	1030	1017	1003	996	996	1003	1014	1032	1023	1032	1040	1041	1045	1041	1041	1037	1035	1029
23	1035	1034	1032	1035	1036	1037	1041	1039	1032	1025	1010	997	1003	1011	1021	1029	1031	1029	1032	1037	1036	1037	1037	1039	1043	1029
24	1043	1036	1032	1032	1032	1032	1032	1036	1032	1025	1011	1004	1005	1008	1021	1026	1032	1036	1037	1037	1038	1040	1047	1053	1055	1031
25D	1055	1060	1036	1029	1026	1048	1045	1036	1031	1026	1012	1005	997	1001	1013	1030	1030	1017	1017	1013	1011	1036	1037	1036	1037	1027
26D	1037	1037	1037	1039	1039	1039	1040	1039	1023	1004	988	972	971	984	992	1024	1008	1005	1021	1021	1021	1020	1021	1022	1021	1017
27	1021	1021	1021	1022	1023	1022	1023	1027	1026	1015	1002	1003	1007	1016	1020	1022	1021	1026	1031	1035	1031	1028	1028	1031	1027	1022
28	1027	1031	1026	1027	1027	1025	1026	1021	1018	1011	1008	1006	1007	1015	1021	1032	1028	1039	1042	1040	1040	1032	1031	1034	1031	1026
29	1032	1032	1032	1040	1027	1027	1022	1014	1019	1017	1010	1005	1006	1012	1013	1024	1027	1035	1040	1032	1034	1033	1049	1027	1028	1025
30Q	1028	1028	1028	1027	1027	1027	1027	1021	1012	1004	1003	1007	1015	1023	1031	1035	1033	1035	1038	1037	1036	1035	1033	1034	1037	1026
Mean	1034	1033	1031	031	1031	1032	1032	1030	1025	1017	1006	**1000**	1000	1007	1016	1024	1027	1030	1034	1035	1034	1034	1034	**1035**	1034	1025

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

224. Eskdalemuir. (—Y.) **April, 1924.**

4,000 γ (·04 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	615	616	617	615	614	610	607	600	596	597	602	615	627	637	640	633	623	622	616	614	615	615	615	615	616	616
2	616	626	624	615	614	613	610	603	595	596	603	615	631	641	644	634	625	622	621	620	619	619	619	619	619	619
3	619	619	619	615	614	613	609	605	600	597	604	615	632	642	644	638	635	631	629	618	621	611	615	615	615	619
4Q	615	611	614	607	601	599	600	604	595	591	603	614	630	643	642	634	627	622	616	614	619	619	616	615	615	615
5Q	615	615	615	611	610	607	604	599	595	596	608	621	645	650	644	632	623	620	615	619	619	619	617	614	615	617
6D	615	615	614	614	610	610	609	607	597	599	603	626	641	666	665	661	663	627	619	611	614	619	619	619	619	**623**
7D	619	615	615	614	610	609	608	600	595	594	611	625	649	669	669	663	647	641	629	618	600	613	584	584	579	619
8	579	593	593	593	589	591	592	593	598	602	610	622	631	641	644	636	627	620	615	615	615	615	615	615	615	611
9	615	615	615	615	615	614	609	603	596	595	605	616	631	642	644	637	632	624	617	619	616	604	605	614	616	617
10	616	618	615	615	610	611	609	604	598	596	603	610	625	635	635	631	626	620	619	617	615	616	616	615	615	616
11Q	615	614	614	614	610	608	603	599	596	596	601	606	620	645	645	636	626	620	618	619	618	619	615	618	615	616
12	615	614	610	609	608	608	606	602	594	594	603	614	627	632	634	626	622	621	623	621	620	621	616	604	608	614
13Q	608	609	609	609	609	608	608	608	603	600	605	612	623	634	638	636	631	626	624	622	618	619	618	619	618	617
14	618	614	614	614	613	609	608	607	598	599	605	611	623	635	638	634	631	630	629	627	624	623	620	619	608	618
15	608	606	605	605	614	597	604	604	599	594	593	601	613	627	632	628	622	624	624	619	619	619	619	619	613	612
16	613	613	608	607	608	604	604	603	599	598	608	618	622	634	635	633	628	624	621	619	618	618	617	616	616	615
17D	616	617	615	613	612	608	603	607	597	597	608	621	632	640	644	636	635	631	627	617	612	594	604	613	616	617
18	616	614	614	613	608	606	604	602	596	597	603	613	628	643	644	637	633	628	622	615	608	598	602	605	611	614
19	611	612	620	619	608	602	599	603	604	603	608	619	634	646	647	644	641	635	628	617	612	618	615	615	618	619
20	618	619	622	609	619	610	602	595	589	585	588	603	622	641	650	644	636	630	624	613	612	608	612	613	614	615
21	614	614	619	614	613	612	608	602	591	583	586	596	613	633	639	643	645	634	627	619	617	619	617	610	613	615
22	613	613	613	613	613	612	609	603	598	594	597	605	623	639	643	643	634	628	623	622	620	612	607	611	614	616
23	614	614	614	614	619	613	607	607	599	598	607	615	624	633	634	631	626	620	619	618	619	614	617	607	608	616
24	608	610	614	613	614	614	606	598	592	590	593	608	629	639	644	637	630	624	619	618	618	618	622	623	629	616
25D	629	619	593	605	622	592	585	582	605	607	604	609	614	620	624	630	625	627	623	617	618	616	618	615	614	612
26D	614	614	613	613	613	612	608	623	611	621	612	619	624	644	653	650	635	619	616	615	611	610	610	610	610	619
27	610	609	606	605	603	608	600	594	593	599	603	619	627	637	636	632	627	615	614	614	610	610	612	613	611	612
28	611	601	600	597	594	599	599	595	595	597	607	624	635	636	632	626	617	615	617	614	609	614	609	611	609	611
29	609	612	613	597	589	588	583	590	593	592	602	617	629	638	634	632	621	619	617	613	616	614	603	592	599	**609**
30Q	599	600	605	604	604	598	590	588	590	592	604	618	629	634	629	623	619	619	616	613	614	614	614	614	612	610
Mean	613	613	612	610	609	606	603	601	597	**597**	603	614	628	640	**642**	637	630	625	621	617	616	614	613	612	613	615

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

225. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **April, 1924.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	934	932	932	932	932	932	934	936	936	933	931	926	924	921	927	932	935	936	936	936	935	934	933	932	932	932
2	932	930	931	932	932	930	931	932	932	931	928	924	920	921	924	924	929	932	931	929	929	931	931	930	929	929
3	929	928	928	928	927	927	926	927	927	927	924	917	911	911	916	923	928	928	931	933	935	939	936	932	932	927
4 Q	931	931	930	924	923	923	923	926	925	923	920	915	914	916	922	924	927	931	931	931	929	929	929	929	930	925
5 Q	930	931	931	931	929	930	931	931	931	927	922	918	915	920	927	931	932	931	931	930	928	927	929	931	930	928
6 D	930	931	931	931	931	929	928	928	926	921	915	908	907	908	917	923	928	935	936	935	931	927	927	927	927	925
7 D	927	927	927	928	928	928	929	931	930	926	913	906	904	911	923	932	938	940	943	944	948	943	943	937	928	929
8	928	920	922	922	923	921	919	919	917	915	910	906	906	911	918	926	928	930	928	928	926	926	926	926	926	921
9	926	927	927	927	927	927	928	928	927	927	923	919	914	911	914	918	923	928	934	931	931	933	932	928	926	925
10	926	924	926	927	926	926	926	926	923	922	919	915	914	915	919	923	926	927	927	927	927	926	926	926	926	924
11 Q	926	927	927	927	927	926	927	927	927	926	923	920	911	908	919	924	929	931	931	931	931	930	927	927	927	925
12	927	927	927	927	927	927	927	930	928	926	922	917	915	915	922	924	926	927	927	927	929	927	928	926	920	925
13 Q	919	921	922	922	922	922	923	924	922	922	921	918	914	910	914	917	919	922	923	925	925	925	925	925	925	921
14	925	925	925	924	924	925	925	925	923	921	917	916	913	912	915	917	918	922	922	922	922	923	923	923	924	921
15	924	923	922	920	914	910	914	918	921	920	917	914	913	913	916	919	922	922	925	926	926	926	926	926	925	920
16	925	919	919	921	922	922	922	922	923	921	918	911	913	911	917	921	922	923	926	927	927	928	928	926	926	921
17 D	926	926	926	926	926	926	926	925	923	921	918	918	918	918	921	923	925	926	929	931	934	934	933	926	926	925
18	926	927	926	926	926	926	926	925	923	921	918	915	914	914	918	921	925	925	926	929	930	932	930	925	922	924
19	922	922	922	922	925	926	925	925	923	921	918	915	912	909	914	921	925	926	931	934	933	930	930	930	927	923
20	927	925	921	921	922	925	927	929	930	931	930	926	921	918	923	927	930	935	935	935	934	930	930	930	930	928
21	930	929	928	929	930	930	929	930	929	926	926	922	917	914	919	923	926	930	930	930	928	926	926	926	925	926
22	925	925	926	927	927	927	930	930	927	926	924	922	918	919	925	932	931	930	930	930	927	930	930	926	926	927
23	926	926	926	926	926	926	926	925	922	921	918	918	918	921	926	930	932	935	934	932	930	930	927	927	926	926
24	925	925	925	925	925	925	928	929	929	924	920	913	909	909	916	920	922	925	926	925	924	924	921	920	917	922
25 D	917	902	912	915	901	901	908	908	904	905	913	913	909	910	914	916	918	922	925	925	925	924	922	921	921	**914**
26 D	921	922	921	921	922	922	921	917	917	917	920	921	929	937	946	959	972	966	948	938	935	934	933	932	930	**932**
27	930	930	930	929	929	929	928	926	924	920	917	913	913	913	920	928	934	938	940	938	936	933	930	929	927	927
28	926	920	920	919	920	923	924	925	924	919	912	908	908	914	919	923	925	932	935	935	933	929	928	927	924	923
29	924	924	923	917	921	925	928	928	921	918	911	904	905	912	917	923	928	928	932	932	932	929	925	924	921	922
30 Q	921	924	924	925	926	928	926	924	923	919	912	908	907	913	920	928	928	928	928	930	929	928	928	928	928	923
Mean	926	925	925	925	925	925	925	926	925	923	919	916	**914**	915	920	925	928	930	**931**	931	930	930	929	927	926	925

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

226. Eskdalemuir. **April, 1924.**

Day.	Terrestrial Magnetic Force.												Character Figures.§		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +.
	North Component.					West Component.					Vertical Component.					
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	ΣR^2	ρ		
	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	$100\gamma^2$			a.
1	20 49	1034	11 10	990	44	14 9	642	9 21	595	47	7 40	936	12 56	921	15	44	0·57	0	83·7
2	19 24	1034	11 2	995	39	13 28	648	8 9	594	54	7 12 / 17 0	932	12 40	920	12	46	0·60	0	83·7
3	17 42	1048	10 33	992	56	13 42	647	8 4	588	59	20 59	940	12 15	909	31	76	0·99	0	83·5
4	4 3	1036	10 50	994	42	13 40	644	9 10	590	54	18 30	931	11 43	912	19	50	0·66	0	83·6
5	20 37	1037	10 51	995	42	13 20	653	8 30	590	63	16 12	933	11 50	915	18	61	0·79	0	83·6
6	15 20	1043	16 56	975	68	13 30	675	8 12	583	92	17 28	939	11 33	906	33	142	1·86	1	83·5
7	19 3	1048	21 58	1000	48	12 47	676	24 0	572	104	20 8	951	11 50	903	48	154	2·02	1	83·5
8	0 20	1039	11 26	990	49	13 52	646	0 2	570	76	17 20	931	11 40	906	25	88	1·15	1	83·5
9	17 50	1038	11 21	988	50	14 9	645	8 0	594	51	18 10	935	12 50	910	25	57	0·75	0	83·5
10	18 40	1034	11 20	996	38	13 30	640	8 29	595	45	18 0	928	12 20	914	14	37	0·48	0	83·5
11	18 19	1039	11 19	992	47	13 38	650	7 40	595	55	18 30	932	12 48	906	26	59	0·78	0	83·5
12	22 37	1058	10 38	1004	54	12 53	636	8 50	591	45	19 50	931	12 0	914	17	52	0·69	0	83·6
13	0 3	1053	11 42	1005	48	13 53	642	9 0	599	43	21 38	926	13 0	909	17	44	0·58	0	83·7
14	22 58	1048	12 9	1005	43	13 43	640	8 12	595	45	6 18	925	12 35	910	15	41	0·54	0	83·7
15	4 40	1055	11 50	1001	54	14 9	633	9 44	590	43	23 25	926	4 40	909	17	51	0·66	1	83·7
16	18 36	1050	11 48	996	54	13 30	644	8 20	597	47	20 35	930	11 10	909	21	56	0·73	0	83·6
17	21 2	1056	11 9	986	70	13 42	649	20 52	583	66	20 52	935	12 0	917	18	96	1·26	1	83·7
18	22 8	1058	10 45	993	65	14 10	647	8 13	593	54	20 42	934	12 50	913	21	76	0·99	0	83·7
19	0 15	1045	12 28	995	50	13 8	654	6 39	592	62	19 9	934	12 33	908	26	70	0·92	0	83·8
20	18 17	1049	11 30	981	68	13 18	651	8 30	584	67	17 40	936	13 15	917	19	95	1·24	1	83·7
21	22 34	1058	11 53	989	69	16 12	652	9 35	579	73	17 40	931	12 48	914	17	104	1·36	1	83·8
22	21 33	1047	11 37	992	55	14 46	648	8 46	592	56	16 0	933	12 40	918	15	64	0·84	0	83·7
23	23 48	1046	10 8	992	54	13 49	636	8 24	593	43	16 50	935	12 0	917	18	51	0·67	0	83·7
24	23 22	1065	11 28	996	69	13 39	647	9 10	589	58	6 58	929	12 30	908	21	86	1·12	1	83·7
25	0 36	1083	11 58	994	89	0 37	661	7 8	571	90	19 0	926	0 52 / 8 25	900	26	167	2·19	1	83·7
26	7 4	1045	11 23	953	92	13 34	666	6 10	603	63	16 8	974	7 38	913	61	162	2·12	1	83·7
27	18 23	1039	9 39	996	43	13 6	639	7 25	587	52	17 40	941	12 40	912	29	54	0·71	0	83·7
28	19 52	1050	11 23	998	52	12 7	643	7 16	593	50	18 52	936	12 0	907	29	60	0·79	0	83·7
29	21 53	1071	11 34	1002	69	13 11	639	6 16	579	60	19 0	933	11 20	903	30	93	1·22	1	83·7
30	18 8	1045	9 51	1002	43	13 21	637	6 51	584	53	19 22	932	11 40	907	25	53	0·69	0	83·7
Mean.	—	1048	—	993	55	—	648	—	589	59	—	935	—	911	24	76	—	0·37	83·6
No. of Days used.	—	30	—	30	30	—	30	—	30	30	—	30	—	30	30	30	—	30	30

§ For explanation *see* page 101. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

227. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **May, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1037	1037	1034	1031	1032	1037	1037	1031	1022	1014	1004	1004	1012	1021	1027	1026	1032	1038	1041	1038	1033	1033	1033	1036	1033	1029
2D	1033	1034	1036	1036	1033	1035	1033	1032	1027	1020	1004	1002	1003	1009	1020	1027	1032	1033	1037	1037	1038	1037	1037	1037	1034	1028
3	1034	1035	1035	1034	1033	1034	1033	1033	1030	1026	1022	1019	1022	1025	1025	1024	1033	1035	1042	1043	1042	1038	1038	1038	1038	1032
4	1038	1037	1037	1036	1034	1033	1032	1029	1030	1026	1022	1019	1022	1023	1028	1030	1033	1034	1042	1043	1042	1045	1038	1037	1037	1033
5	1037	1037	1037	1033	1034	1032	1032	1032	1028	1022	1008	1007	1012	1022	1028	1029	1034	1039	1035	1038	1042	1037	1041	1036	1034	1030
6Q	1035	1034	1033	1033	1033	1033	1033	1031	1022	1013	1005	1005	1008	1009	1014	1020	1028	1039	1048	1048	1043	1043	1040	1043	1038	1029
7Q	1038	1035	1034	1034	1033	1038	1034	1033	1028	1019	1007	999	1000	1009	1016	1027	1037	1044	1052	1048	1041	1044	1046	1041	1039	1031
8	1039	1038	1038	1038	1038	1038	1038	1038	1033	1022	1004	1000	999	1001	1015	1022	1032	1035	1041	1053	1048	1044	1048	1048	1044	1031
9	1044	1044	1047	1046	1044	1048	1047	1046	1039	1034	1014	1009	1007	1007	1015	1023	1030	1039	1047	1048	1047	1043	1043	1040	1039	1035
10	1039	1039	1038	1038	1039	1038	1036	1030	1028	1026	1019	1014	1017	1019	1027	1029	1039	1044	1048	1048	1047	1047	1046	1043	1051	1035
11	1051	1042	1039	1039	1039	1041	1035	1033	1029	1028	1015	1009	1010	1019	1023	1030	1037	1044	1050	1048	1042	1042	1041	1039	1039	1034
12	1039	1039	1039	1042	1042	1039	1037	1030	1027	1020	1020	1023	1031	1038	1044	1044	1049	1043	1061	1052	1048	1044	1043	1039	1057	**1039**
13	1057	1043	1049	1038	1038	1039	1033	1024	1015	1009	1005	1009	1015	1022	1030	1034	1039	1041	1042	1040	1039	1037	1037	1034	1034	1032
14Q	1034	1037	1037	1034	1034	1033	1033	1032	1025	1024	1024	1021	1020	1015	1023	1029	1034	1041	1048	1048	1044	1041	1042	1039	1039	1033
15	1040	1039	1038	1035	1034	1037	1035	1034	1030	1025	1015	1010	1014	1019	1021	1031	1033	1040	1050	1054	1046	1040	1039	1039	1039	1033
16	1039	1038	1038	1035	1035	1035	1030	1026	1023	1020	1020	1018	1019	1026	1023	1021	1028	1062	1053	1058	1047	1048	1048	1041	1040	1035
17	1040	1038	1034	1036	1039	1040	1039	1030	1024	1019	1015	1014	1014	1017	1020	1024	1030	1036	1044	1045	1049	1044	1043	1041	1044	1032
18Q	1044	1048	1040	1039	1039	1039	1034	1030	1024	1012	1004	1005	1011	1019	1028	1034	1040	1044	1048	1045	1044	1044	1044	1041	1040	1033
19	1040	1040	1039	1039	1039	1039	1038	1029	1021	1016	1010	1009	1010	1015	1024	1034	1048	1048	1049	1049	1045	1044	1044	1043	1041	1034
20	1041	1042	1044	1037	1034	1044	1044	1043	1033	1017	996	986	994	1003	1017	1033	1039	1038	1039	1039	1040	1043	1040	1040	1039	1030
21	1039	1039	1039	1039	1042	1043	1047	1050	1039	980	966	976	1004	1025	1022	1029	1032	1049	1055	1059	1058	1063	1060	1065	1050	1034
22D	1050	1053	1064	1042	1005	1031	992	973	958	935	936	946	981	1014	1048	1078	1093	1051	1033	1019	1002	984	990	981	932	**1008**
23D	933	1011	1022	1001	1023	1016	1012	972	977	971	978	993	995	997	996	1002	1020	1067	1059	1055	1041	1020	1035	1011	1030	1011
24D	1030	1016	1012	1007	1020	1016	1021	1022	1013	1000	987	987	991	997	1015	1021	1026	1037	1050	1047	1047	1037	1030	1031	1027	1019
25	1027	1025	1026	1034	1030	1031	1030	1022	1019	1018	998	981	988	997	1005	1016	1030	1034	1053	1043	1037	1033	1034	1024	1025	1022
26	1025	1016	1021	1016	1025	1029	1024	1016	1017	1013	1002	997	995	997	1006	1012	1022	1033	1040	1044	1045	1036	1036	1040	1035	1021
27	1035	1029	1025	1026	1030	1034	1032	1035	1030	1017	1005	1003	1001	1003	1006	1011	1025	1030	1034	1038	1032	1034	1031	1033	1030	1024
28D	1030	1032	1044	1035	997	1017	997	969	978	969	973	973	985	1000	1015	1025	1042	1041	1046	1045	1034	1025	1021	1014	1019	1013
29	1019	1020	1021	1025	1029	1026	1021	1015	1009	999	986	982	988	1004	1015	1027	1030	1037	1035	1037	1038	1039	1030	1030	1031	1019
30	1032	1032	1034	1033	1037	1035	1036	1031	1026	1017	1012	1016	1022	1032	1036	1036	1029	1028	1045	1050	1044	1035	1031	1033	1032	1032
31Q	1032	1032	1032	1033	1037	1036	1031	1025	1017	1005	997	997	1002	1013	1022	1026	1028	1032	1037	1041	1042	1041	1041	1041	1042	1027
Mean	1034	1035	1036	1033	1032	1034	1031	1025	1020	1011	1002	**1001**	1006	1013	1021	1028	1035	1041	**1045**	1045	1042	1038	1038	1035	1034	1028

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

228. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **May, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	612	606	605	609	607	598	596	589	588	590	599	614	630	637	635	625	624	619	617	612	613	614	613	613	613	611
2D	613	613	614	614	614	608	603	597	596	600	606	613	622	626	626	623	618	619	614	613	613	612	612	612	610	612
3	610	613	613	609	609	608	603	596	594	593	604	616	625	633	632	628	629	622	618	613	612	612	608	612	612	613
4	612	612	609	609	607	603	599	595	593	593	601	617	635	642	642	636	634	630	622	617	607	612	602	606	607	614
5	607	607	607	608	607	599	599	598	595	597	603	614	628	642	643	636	625	618	619	617	612	608	607	609	609	613
6Q	609	607	604	608	604	602	599	598	595	599	599	608	624	633	628	625	625	624	621	611	611	612	604	606	608	611
7Q	608	609	608	608	604	602	599	596	593	589	591	601	614	624	627	625	622	619	617	616	613	612	611	612	613	609
8	613	610	611	607	606	600	592	586	586	588	597	614	628	637	640	637	632	623	618	617	612	603	608	611	611	611
9	611	612	613	612	612	605	599	595	597	596	602	612	624	633	636	636	627	623	622	617	617	616	617	613	612	614
10	612	611	608	608	607	601	593	594	593	596	604	610	612	615	615	620	620	622	623	620	617	617	617	613	605	610
11	605	606	602	598	597	593	593	598	599	606	607	618	623	622	622	620	618	617	620	618	616	613	613	613	612	610
12	612	608	607	606	601	596	592	593	593	600	609	621	624	627	628	622	627	622	630	627	621	618	615	616	598	613
13	599	579	584	587	590	587	588	591	596	598	609	619	623	622	621	616	614	609	612	614	614	614	614	615	614	605
14Q	614	609	608	608	604	602	600	599	599	599	602	607	620	618	618	617	616	616	617	617	615	614	617	618	615	611
15	615	614	609	606	603	595	593	593	598	604	610	619	627	629	625	627	621	618	617	617	613	614	615	614	614	612
16	614	613	609	608	605	599	593	585	588	590	602	612	622	628	626	625	626	631	628	619	615	618	622	608	598	612
17	598	614	616	611	603	592	587	585	585	590	606	623	628	634	629	622	617	615	613	613	614	614	618	618	618	611
18Q	618	616	610	608	606	598	593	590	592	597	611	627	640	639	634	624	617	612	612	613	613	614	614	614	614	613
19	614	614	614	609	605	598	592	590	594	601	613	624	636	641	643	635	625	612	609	612	613	614	614	612	614	614
20	614	606	597	592	604	601	595	587	587	590	594	602	623	640	645	637	624	613	605	603	608	608	609	609	608	608
21	608	609	609	613	608	601	593	584	575	564	595	632	638	657	665	664	643	645	639	624	615	615	608	615	608	617
22D	608	614	624	631	651	659	640	619	619	584	582	615	624	638	639	661	682	672	641	619	614	575	549	548	556	**620**
23D	556	543	553	560	584	585	591	581	597	587	597	606	621	633	627	630	634	623	638	610	603	616	588	586	600	**599**
24D	600	580	592	580	591	596	586	584	585	584	591	601	617	621	624	618	616	615	617	613	598	601	604	604	604	601
25	604	600	602	610	583	585	583	579	578	584	589	602	611	612	617	619	620	616	620	608	608	607	599	590	595	601
26	595	593	604	609	601	594	590	591	590	582	589	598	612	624	634	635	629	624	617	611	603	603	606	601	600	606
27	600	602	607	609	604	597	589	580	577	576	593	609	624	634	632	627	621	611	608	608	609	608	609	604	594	606
28D	594	600	605	651	658	672	658	626	623	612	610	614	622	628	634	637	641	632	623	620	610	604	592	590	589	623
29	589	577	581	580	578	577	573	571	580	593	597	609	621	630	627	626	622	619	618	618	614	614	607	607	606	601
30	606	608	609	610	608	608	608	597	598	599	608	623	632	636	633	623	619	609	613	607	602	600	604	605	601	611
31Q	601	599	601	601	598	593	588	588	586	587	595	608	621	630	628	625	621	617	611	613	613	612	613	613	609	607
Mean	606	603	604	606	605	602	597	**592**	593	593	600	613	624	631	**631**	629	626	622	619	615	612	610	607	607	605	610

Q denotes an " International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

229. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **May, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	928	928	928	925	924	924	924	925	924	920	916	912	912	918	920	924	927	929	931	932	929	928	928	928	928	924
2 D	928	928	928	928	927	925	925	924	920	917	913	908	911	915	921	925	924	925	925	925	925	925	926	927	927	923
3	926	927	927	927	927	926	927	927	924	923	919	911	907	907	915	920	923	927	930	930	928	927	927	927	927	923
4	927	927	927	927	927	927	925	924	923	919	914	907	903	902	907	911	915	922	924	928	930	927	927	927	925	921
5	924	925	926	926	925	926	923	922	922	918	918	917	914	914	915	921	926	930	930	930	929	927	927	926	926	923
6 Q	926	926	926	926	926	926	926	923	919	915	914	914	911	910	912	918	923	926	926	927	927	926	926	925	923	922
7 Q	923	925	926	926	926	926	925	923	922	918	911	902	898	903	912	918	922	926	927	927	926	924	923	923	923	920
8	923	924	926	926	926	927	927	926	923	918	911	905	905	906	910	915	925	930	932	932	934	934	930	926	926	923
9	925	925	925	925	925	925	925	922	921	917	913	909	909	912	914	917	921	925	926	926	925	925	923	924	924	921
10	924	924	924	925	925	925	925	922	917	914	909	905	901	908	912	917	917	920	922	925	925	923	923	922	921	919
11	920	920	916	916	918	924	920	920	913	908	908	908	906	908	912	916	920	924	924	924	924	924	924	923	921	918
12	921	921	921	921	923	924	924	924	919	912	911	903	900	908	916	921	925	931	929	932	932	930	928	924	903	920
13	903	900	900	908	913	916	916	916	915	908	900	895	893	897	908	917	921	924	924	924	924	924	924	924	924	913
14 Q	924	924	924	924	924	924	921	920	916	910	907	905	907	911	913	919	923	925	924	925	927	925	924	924	924	920
15	923	923	923	924	924	926	926	923	920	915	907	907	907	908	911	916	922	923	923	924	926	926	924	924	923	920
16	923	923	923	924	924	927	927	924	922	914	911	907	910	910	915	919	920	924	931	936	936	931	927	926	927	922
17	926	922	922	921	923	926	927	927	926	919	914	909	906	910	918	922	923	926	926	926	924	926	923	923	922	921
18 Q	922	922	922	923	926	926	926	923	919	914	907	905	905	912	921	926	929	926	923	923	922	922	922	923	923	920
19	923	923	923	925	926	926	926	923	919	914	906	903	906	910	918	919	925	930	930	926	922	922	922	922	922	920
20	921	921	918	918	922	921	924	926	926	918	909	905	901	906	918	923	930	934	934	929	924	922	921	921	921	920
21	921	922	922	922	925	926	926	922	920	916	905	901	909	908	913	921	929	930	929	929	929	925	925	922	925	921
22 D	924	921	905	877	854	825	854	862	886	901	917	930	953	970	997	1013	1036	1058	1035	1017	986	970	945	909	838	**938**
23 D	838	838	863	870	866	879	891	902	900	905	912	915	916	917	923	933	949	963	939	960	949	933	933	914	908	**910**
24 D	907	886	874	886	907	916	924	928	928	924	919	919	920	925	929	931	932	934	934	936	940	939	932	925	922	921
25	922	927	924	911	910	918	921	921	923	920	919	915	911	914	918	923	927	932	932	939	939	935	932	931	924	924
26	924	923	922	920	925	931	932	932	932	932	927	919	916	920	925	928	933	936	939	940	940	938	935	932	928	929
27	928	927	927	923	925	927	931	931	927	920	915	907	904	911	915	919	925	931	935	935	935	935	932	931	928	925
28 D	927	915	891	874	862	848	856	877	885	899	907	914	922	938	950	960	971	984	984	975	964	955	947	939	932	923
29	931	925	921	918	921	925	930	933	933	930	921	920	918	922	925	925	929	930	930	929	930	930	933	932	930	927
30	929	929	929	929	928	928	924	923	920	920	916	913	914	922	931	937	945	949	946	949	949	945	940	936	933	931
31 Q	933	932	929	929	931	931	932	933	933	929	925	917	916	921	925	929	934	937	937	933	932	932	929	929	929	929
Mean	921	919	921	917	917	918	920	920	919	916	913	**910**	910	914	921	926	928	**936**	935	935	933	931	928	925	921	922

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

230. Eskdalemuir. **May, 1924.**

Day.	Terrestrial Magnetic Force.																Character Figures. §		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.									
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.					
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	ΣR²	ρ		a.
1	18 48	1056	1002	10 58	54	12 49	643	584	8 0	59	19 10	933	911	11 10	22	69	·36	0	83·7
2	20 40	1042	998	11 30	44	13 58	629	593	7 56	36	0 55	928	908	11 12	20	36	·19	0	83·7
3	18 42	1048	1017	11 20	31	13 53	641	589	7 29	52	19 10	930	906	12 0	24	42	·22	0	83·8
4	21 14	1050	1013	11 19	37	14 8	647	592	8 20	55	20 0	931	899	12 50	32	54	·29	0	83·9
5	17 16	1046	1003	10 32	43	14 8	647	593	8 28	54	18 0	930	913	12 0	17	51	·27	0	83·9
6	22 11	1053	1004	10 56	49	13 0	633	595	8 21	38	19 39	929	910	13 0	19	42	·22	0	83·9
7	17 33	1053	995	11 36	58	14 44	630	589	9 30	41	18 40	928	897	11 58	31	60	·32	0	83·9
8	19 16	1058	997	12 27	61	14 18	643	582	7 25	61	21 12	934	902	11 6	32	85	·45	1	83·9
9	18 51	1051	1004	13 26	47	14 51	645	590	7 10	55	18 6	928	908	12 0	20	56	·30	1	83·9
10	23 43	1058	1013	10 14	45	18 10	624	592	7 1	32	4 30	926	900	11 59	26	37	·20	0	83·9
11	18 23	1057	1005	11 26	52	18 27	625	592	5 50	33	19 40	925	905	12 5	20	42	·22	0	83·9
12	24 0	1067	1017	9 48	50	15 51	638	591	7 43	47	19 0	932	900	24 0	32	57	·30	1	83·9
13	0 3	1069	1003	10 23	66	12 48	625	569	0 31	56	18 0	925	892	11 50	33	86	·45	1	83·9
14	19 3	1052	1009	12 48	43	12 0	622	595	7 51	27	20 0	928	904	10 40	24	32	·17	0	84·0
15	18 25	1057	1006	10 40	51	14 53	630	593	7 20	37	19 52	927	906	11 5	21	44	·23	0	84·0
16	17 10	1083	1014	15 20	69	17 11	640	583	7 33	57	19 19	939	907	11 3	32	90	·48	1	84·0
17	20 12	1054	1009	11 52	45	12 48	639	577	5 56	62	5 55	929	905	11 45	24	64	·34	0	84·1
18	16 55	1058	1002	10 15	56	13 3	642	587	7 31	55	15 53	930	905	11 35	25	68	·36	0	84·1
19	16 51	1068	1005	10 40	63	14 8	644	586	6 13	58	17 10	931	902	10 50	29	82	·43	1	84·1
20	0 10	1049	985	11 31	64	14 10	646	583	8 14	63	17 20	935	901	12 10	34	92	·49	1	84·1
21	18 13	1083	934	9 51	149	13 33	677	553	9 19	124	18 24	933	900	10 55	33	387	2·05	2	84·1
22	16 15	1143	903	24 0	240	16 19	705	486	23 30	219	16 48	1064	819	4 44	245	1656	8·77	2	84·1
23	18 30	1108	832	0 20	276	18 32	645	483	0 31	162	18 25	966	743	0 22	223	1521	8·06	2	84·1
24	18 8	1055	981	11 11	74	14 3	626	563	2 38	63	19 55	941	869	2 8	72	146	·77	1	84·1
25	18 11	1059	976	11 31	83	18 10	621	573	8 0	48	19 22	940	904	3 38	36	105	·56	1	84·1
26	19 32	1058	986	11 21	72	14 28	637	578	8 50	59	19 38	940	916	11 58	24	92	·49	1	84·2
27	19 19	1041	994	12 23	47	13 3	635	568	8 21	67	18 55	936	902	11 36	34	79	·42	0	84·2
28	16 28	1070	956	6 52	114	4 32	700	580	23 12	120	17 40	986	845	4 39	141	473	2·50	2	84·3
29	20 54	1047	976	10 40	71	15 42	631	567	6 11	64	8 0	934	917	11 40	17	94	·50	1	84·3
30	19 16	1055	1011	10 30	44	13 36	645	594	9 5	51	17 10	949	913	11 13	36	58	·31	0	84·3
31	19 52	1045	994	10 44	51	13 21	631	584	8 28	47	17 48	937	915	11 30	22	53	·28	0	84·3
Mean	—	1061	989	—	73	—	641	577	—	65	—	939	894	—	45	189	—	0·61	84·0
No. of Days used.	—	31	31	—	31	—	31	31	—	31	—	31	31	—	31	31	—	31	31

§ For explanation *see* page 101. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

231. Eskdalemuir. (X.) **June, 1924.**

15,000 γ (·15 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1042	1041	1041	1040	1041	1038	1032	1023	1013	1004	992	992	997	1004	1004	1020	1032	1041	1047	1051	1051	1044	1041	1040	1038	1028
2	1038	1040	1034	1036	1041	1041	1038	1030	1017	1012	1016	1000	1004	1004	1007	1020	1023	1035	1046	1050	1047	1045	1041	1040	1037	1029
3 Q	1037	1036	1036	1038	1041	1042	1040	1032	1023	1012	1005	999	1002	1002	1009	1020	1026	1041	1045	1046	1050	1046	1043	1042	1040	1030
4	1040	1038	1037	1041	1043	1047	1051	1051	1038	1017	1001	992	993	1002	1004	1004	1025	1042	1052	1054	1055	1050	1043	1042	1041	1032
5	1042	1038	1037	1037	1038	1042	1042	1042	1042	1042	1028	1022	1016	1018	1008	1016	1029	1038	1043	1050	1051	1048	1046	1043	1038	1036
6 Q	1038	1037	1037	1037	1041	1043	1042	1038	1032	1022	1007	1003	1003	1009	1014	1021	1032	1042	1048	1048	1051	1047	1044	1043	1042	1033
7 Q	1042	1040	1038	1039	1043	1044	1044	1041	1028	1016	1009	1008	1009	1007	1009	1020	1034	1044	1052	1054	1050	1047	1044	1043	1043	1034
8 Q	1043	1042	1041	1042	1042	1042	1043	1043	1037	1023	1002	990	986	992	1004	1023	1035	1045	1052	1052	1052	1046	1043	1042	1043	1032
9	1043	1042	1043	1043	1045	1046	1043	1037	1029	1023	1010	1007	1008	1015	1024	1046	1042	1043	1068	1066	1066	1055	1052	1065	1065	**1041**
10 D	1066	1072	1039	1039	1047	1053	1054	1027	1019	1024	999	982	989	1008	1056	1119	1180	1144	1039	1036	991	959	973	963	987	1035
11 D	987	960	986	1010	979	961	997	992	984	989	977	976	980	987	1011	999	1031	1033	1035	1044	1060	1067	1083	1054	1026	**1008**
12	1026	1027	1032	1029	1028	1028	1023	1019	1022	1021	1013	1005	1006	1012	1013	1026	1034	1040	1045	1037	1037	1031	1033	1043	1026	1026
13	1026	1028	1027	1025	1028	1026	1026	1016	1009	1005	1004	1005	1004	1008	1011	1019	1022	1029	1039	1037	1033	1033	1030	1029	1029	1022
14 Q	1029	1029	1029	1029	1030	1030	1026	1021	1014	1009	1003	1002	1008	1014	1014	1013	1021	1027	1031	1035	1034	1033	1033	1033	1032	1023
15	1032	1033	1031	1027	1034	1033	1029	1024	1017	1012	1008	1003	1003	1004	1020	1031	1038	1049	1060	1048	1043	1043	1043	1040	1036	1029
16	1037	1035	1031	1035	1040	1029	1033	1027	1010	1001	998	1000	995	993	1022	1044	1055	1047	1061	1054	1053	1048	1048	1047	1045	1031
17	1045	1040	1039	1038	1036	1040	1039	1033	1027	1020	1014	1004	998	994	1001	1016	1026	1035	1045	1051	1049	1043	1045	1044	1042	1030
18 D	1042	1038	1031	1037	1039	1041	1039	1034	1024	1009	991	987	1002	1010	1025	1045	1059	1077	1083	1060	1059	1053	1045	1072	1065	1038
19 D	1065	1044	1042	1035	1032	1028	1029	1036	1030	1019	1005	989	996	1012	1016	1014	1050	1068	1072	1071	1044	1012	1010	1017	1055	1030
20 D	1055	979	993	994	996	1028	1020	1006	998	989	970	964	992	1012	1011	1021	1027	1024	1037	1042	1039	1033	1031	1032	1032	1012
21	1033	1031	1016	1022	1026	1027	1027	1026	1026	1021	1010	1001	998	1000	1009	1010	1019	1027	1038	1046	1048	1050	1078	1055	1033	1027
22	1033	1035	1030	1038	1044	1039	1033	1025	1020	1015	1002	995	999	1008	1020	1031	1035	1038	1034	1044	1035	1038	1038	1038	1035	1028
23	1035	1023	1029	1030	1026	1040	1028	1016	1018	1015	1002	989	1006	1010	1015	1014	1035	1035	1030	1049	1060	1050	1042	1035	1033	1026
24	1033	1034	1036	1035	1035	1031	1028	1021	1023	1024	1012	1001	1002	1018	1025	1030	1030	1035	1040	1050	1046	1041	1035	1033	1031	1029
25	1031	1030	1028	1028	1033	1036	1033	1027	1021	1014	1007	1008	1006	1005	1011	1018	1031	1039	1050	1058	1049	1049	1038	1032	1032	1028
26	1033	1031	1036	1036	1037	1041	1037	1032	1026	1017	1012	1010	1008	1014	1022	1028	1029	1036	1043	1047	1046	1043	1041	1040	1040	1031
27	1040	1041	1041	1041	1041	1042	1042	1034	1026	1024	1026	1028	1034	1037	1037	1026	1030	1046	1044	1051	1053	1042	1040	1029	1029	1037
28	1029	1030	1031	1036	1041	1040	1036	1031	1025	1023	1022	1016	1014	1032	1041	1037	1034	1034	1041	1050	1047	1042	1041	1044	1040	1034
29	1041	1037	1036	1037	1041	1042	1040	1032	1022	1013	1004	990	1012	1028	1039	1041	1040	1042	1041	1037	1041	1039	1042	1041	1039	1032
30	1039	1038	1030	1037	1042	1042	1046	1046	1040	1030	1007	988	992	1007	1004	1019	1037	1057	1061	1058	1053	1047	1048	1060	1061	1035
Mean	1037	1032	1031	1033	1034	1035	1035	1029	1022	1015	1005	**999**	1002	1009	1017	1026	1038	1044	1047	**1049**	1046	1041	1040	1039	1038	1030

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

232. Eskdalemuir. (—Y.) **June, 1924.**

4,000 γ (·04 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	609	607	606	602	599	595	587	583	578	580	592	610	625	639	631	628	622	613	610	606	604	602	607	607	606	606
2	606	606	603	603	596	595	585	586	579	575	585	605	624	634	634	636	626	619	616	611	606	606	607	606	602	606
3 Q	602	603	603	602	600	596	591	586	580	575	585	604	624	628	627	625	623	622	616	613	611	611	610	607	608	606
4	608	607	607	605	600	595	592	592	592	590	592	604	615	629	634	634	632	621	613	608	607	605	605	605	606	608
5	606	604	602	600	599	590	589	590	600	595	596	598	606	617	619	626	627	624	613	607	608	609	608	602	603	606
6 Q	603	604	602	600	595	590	587	585	581	580	595	610	619	626	625	621	623	621	616	616	611	611	611	609	606	606
7 Q	607	607	607	608	604	599	592	589	582	575	581	597	616	623	624	623	620	618	617	616	612	610	607	607	606	606
8 Q	606	606	605	603	601	594	589	586	583	588	592	600	615	627	635	633	634	628	622	613	612	612	612	612	612	609
9	612	607	606	604	600	590	581	576	576	578	587	603	618	627	638	653	643	629	635	619	606	609	616	619	625	610
10 D	625	615	582	591	597	585	605	585	614	609	599	616	629	648	674	690	739	715	637	593	593	560	550	551	553	**615**
11 D	553	563	562	586	635	608	608	601	591	588	592	609	618	617	614	615	620	628	626	629	637	632	630	594	594	607
12	594	597	601	589	582	579	584	587	590	592	592	599	609	617	610	610	612	616	613	614	614	609	608	603	599	601
13	599	615	591	587	583	576	577	572	574	579	592	598	605	610	613	614	611	607	609	611	609	608	608	605	604	598
14 Q	604	604	602	599	593	584	578	576	575	576	587	598	613	619	618	611	610	609	609	611	609	607	607	606	604	600
15	604	604	603	605	596	583	578	578	580	581	587	598	612	613	614	612	608	611	610	610	615	614	612	603	602	601
16	602	593	587	589	581	589	594	578	574	570	577	598	615	621	630	636	637	631	628	616	610	608	605	606	607	603
17	607	608	601	597	595	588	582	582	579	584	590	605	619	627	627	628	625	620	615	611	611	608	606	606	607	605
18 D	607	608	604	601	592	586	576	569	562	564	567	606	628	640	643	645	652	661	622	619	617	590	592	586	577	605
19 D	577	574	588	585	583	584	583	580	574	578	580	584	600	624	647	645	654	654	639	608	583	537	551	555	534	**594**
20 D	534	522	568	600	598	579	570	560	567	571	583	590	607	626	633	631	625	621	618	611	607	601	601	604	602	594
21	602	597	597	596	591	586	583	577	575	573	581	595	615	626	631	635	633	632	619	609	618	617	607	582	577	603
22	577	591	590	604	612	589	575	570	573	579	591	599	615	624	632	628	624	619	614	612	598	598	603	603	603	601
23	603	626	616	593	587	603	579	573	572	575	587	600	610	615	619	618	616	612	610	608	589	590	595	592	596	599
24	596	598	594	593	592	587	583	581	584	584	584	596	611	622	621	624	616	611	610	606	608	606	604	604	605	601
25	605	599	600	597	593	583	577	573	578	580	582	593	606	614	617	617	615	613	612	613	609	602	603	604	602	599
26	602	598	601	599	592	585	576	572	571	577	591	607	619	633	633	625	614	604	602	602	602	602	603	606	606	601
27	606	607	608	606	598	588	579	577	578	585	595	606	622	627	628	618	608	612	612	615	617	611	608	600	598	604
28	598	591	591	602	591	583	582	586	587	589	595	602	613	627	632	630	620	612	608	609	607	605	607	605	602	603
29	602	597	593	592	585	575	576	576	572	575	588	600	613	625	634	629	623	615	609	604	604	607	606	605	603	600
30	603	603	609	603	581	580	579	577	573	570	576	597	617	627	626	627	629	622	613	607	606	604	608	597	603	601
Mean	599	599	598	598	595	588	584	580	**580**	581	587	601	615	625	629	**629**	628	624	616	611	608	603	603	600	598	603

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

233. Eskdalemuir. (Z.) **June, 1924.**

44,000 γ (·44 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	928	928	929	931	932	932	932	932	931	928	916	904	901	907	918	924	929	929	931	931	931	932	931	928	928	926
2	927	924	926	927	927	928	930	930	931	923	914	911	912	919	921	921	926	930	931	931	928	927	927	927	927	925
3 Q	927	927	927	927	928	929	930	930	928	923	919	915	916	918	918	920	926	931	932	932	932	930	927	927	927	926
4	927	927	928	930	930	930	930	927	928	930	922	914	912	914	920	924	926	931	935	934	931	930	928	927	928	926
5	927	928	929	930	930	931	930	927	925	923	918	914	917	918	922	926	929	931	935	935	934	930	929	926	926	927
6 Q	925	925	926	927	928	928	928	928	922	919	914	909	905	910	913	919	923	927	928	928	928	926	925	925	925	922
7 Q	925	925	926	926	926	925	925	928	926	921	914	912	908	911	917	920	925	928	929	929	928	927	925	925	925	923
8 Q	924	924	924	925	926	925	924	925	924	924	918	916	911	909	911	918	922	928	930	928	928	927	925	924	923	923
9	923	924	924	925	926	927	928	929	929	927	919	910	904	906	910	916	920	925	929	932	933	930	926	923	920	923
10 D	919	898	908	918	922	921	912	911	912	914	915	918	923	938	964	1051	1129	1153	1112	1055	980	948	932	898	877	**960**
11 D	877	862	833	828	828	856	870	885	904	917	920	918	921	929	945	949	948	950	947	945	939	936	931	932	939	**908**
12	938	934	931	933	935	934	932	928	925	916	913	916	918	925	926	927	932	935	937	935	935	935	934	924	928	929
13	927	916	904	919	926	929	927	928	925	924	922	922	923	931	933	936	934	936	937	938	937	937	934	934	934	928
14 Q	934	933	933	933	933	934	934	938	941	936	931	926	924	927	929	931	932	933	933	933	933	933	933	933	934	933
15	933	932	932	929	928	933	935	935	932	924	920	917	915	916	917	924	933	937	940	938	934	932	931	932	932	929
16	931	930	927	926	927	923	915	921	924	922	919	918	920	925	924	922	924	930	932	932	932	931	930	929	928	925
17	928	929	930	932	932	933	932	931	926	923	920	922	923	925	927	928	932	938	940	942	939	936	932	932	931	931
18 D	931	931	931	932	934	933	933	929	927	921	913	908	904	910	914	920	926	935	954	957	952	939	931	911	907	928
19 D	906	918	923	928	929	930	930	930	930	926	918	910	909	912	912	926	943	956	963	966	959	946	923	912	887	929
20 D	887	860	836	830	824	880	910	922	925	923	922	926	923	920	925	930	937	939	939	937	934	933	932	930	926	910
21	925	923	923	927	931	933	932	930	928	927	926	923	918	913	919	925	931	938	946	948	939	932	914	897	910	927
22	910	920	924	921	911	912	921	929	930	928	920	914	913	916	921	929	937	938	937	937	939	937	934	932	929	926
23	929	921	902	908	916	914	917	920	925	926	929	928	920	921	925	929	929	936	937	937	941	938	934	933	930	926
24	929	925	921	925	928	929	932	936	933	926	921	921	921	924	928	928	931	937	937	937	938	936	936	933	929	930
25	929	929	932	933	933	936	936	937	937	932	922	919	916	915	916	924	929	931	931	933	936	934	933	932	931	929
26	930	930	928	929	931	932	935	934	932	931	927	919	915	916	919	924	928	935	936	932	931	931	930	930	930	929
27	930	930	930	931	933	935	933	932	930	927	923	919	916	921	926	930	933	935	937	937	939	939	936	935	935	931
28	935	934	933	931	932	933	932	933	935	931	928	922	920	919	915	919	927	932	932	931	932	932	931	929	927	929
29	927	928	930	931	931	931	930	928	925	920	918	918	916	919	923	932	937	942	944	944	944	940	936	935	935	931
30	935	934	932	928	930	931	931	931	930	928	932	928	924	927	931	932	935	940	943	941	939	936	935	931	917	932
Mean	924	922	919	921	922	925	926	927	927	925	920	917	**916**	919	923	930	937	942	**943**	941	937	934	930	926	924	927

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNET FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

234. Eskdalemuir. **June, 1924.**

Day.	Terrestrial Magnetic Force.																Character Figures.§		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.									
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.				
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	ΣR^2	ρ		*a.*
1	19 45	1056	989	10 38	67	13 1	644	575	8 25	69	20 40	932	899	12 5	33	103	·40	0	84·4
2	19 0	1051	997	11 9	54	14 30	639	574	9 3	65	8 0	931	911	10 40	20	75	·29	0	84·4
3	20 3	1051	997	11 2	54	12 36	629	574	9 10	55	17 45	933	914	10 44	19	63	·24	0	84·4
4	17 59	1058	983	12 36	75	14 30	641	589	9 29	52	18 40	935	911	11 40	24	89	·34	0	84·4
5	20 11	1057	1004	14 28	53	15 39	630	585	6 24	45	18 19	936	913	11 3	23	54	·21	0	84·5
6	19 40	1052	1002	12 0	50	13 42	628	578	9 18	50	18 30	929	904	12 0	25	56	·22	0	84·5
7	19 20	1058	1003	13 41	55	13 50	626	573	9 26	53	17 42	930	907	12 10	23	64	·25	0	84·6
8	18 32	1056	984	12 16	72	14 42	637	582	8 6	55	17 52	932	908	12 35	24	88	·34	0	84·6
9	17 51	1091	1004	10 25	87	15 20	660	572	8 0	88	19 34	935	904	12 20	31	163	·63	1	84·6
10	16 6	1252	926	20 48	326	16 6	851	532	22 34	319	16 36	1216	877	24 0	339	3230	12·51	2	84·7
11	22 44	1137	944	4 42	193	22 45	652	517	22 59	135	16 46	952	824	2 45	128	719	2·78	2	84·7
12	22 40	1072	1001	12 40	71	22 41	623	573	4 45	50	0 1	940	912	9 36	28	83	·32	1	84·7
13	18 17	1048	1000	11 51	48	0 58	639	570	7 28	69	19 2	938	901	1 40	37	84	·33	1	84·8
14	17 35	1038	994	10 50	44	13 37	623	571	8 54	52	8 5	942	922	12 4	20	50	·20	0	84·8
15	18 4	1077	999	12 10	78	18 5	618	575	6 20	43	18 10	941	914	12 0	27	87	·34	0	84·9
16	18 6	1074	975	12 38	99	15 53	645	565	8 48	80	18 26	934	915	0 16	19	166	·64	1	84·8
17	19 20	1059	980	12 50	79	13 10	636	577	8 23	59	19 0	943	919	9 37	24	103	·40	0	84·9
18	18 12	1117	969	11 3	148	16 50	677	552	8 56	125	19 0	961	901	11 51	60	411	1·59	1	84·9
19	18 29	1106	966	14 36	140	17 44	670	514	21 0	156	18 18	969	884	24 0	85	512	1·98	2	84·9
20	0 1	1074	947	1 18	127	13 54	641	521	1 30	120	16 55	940	813	3 21	127	467	1·81	2	84·9
21	22 33	1093	992	12 20	101	15 23	644	567	23 55	77	18 52	949	892	22 42	57	194	·75	1	84·9
22	19 33	1057	987	10 50	70	13 41	638	565	7 29	73	19 55	941	907	4 35	34	114	·44	1	84·9
23	20 18	1074	985	11 17	89	1 17	647	564	7 26	83	20 5	941	900	2 5	41	165	·64	1	85·1
24	18 55	1051	997	11 46	54	14 50	626	575	6 45	51	19 34	940	920	11 35	20	59	·23	0	85·1
25	20 42	1064	991	12 40	73	18 6	620	571	7 40	49	7 15	938	910	13 14	28	85	·33	0	85·1
26	18 57	1049	1000	12 19	49	13 35	637	570	8 10	67	17 40	937	914	11 42	23	74	·29	0	85·1
27	19 35	1065	1003	15 38	62	13 50	634	571	7 33	63	20 28	939	915	11 50	24	84	·32	0	85·2
28	19 15	1053	1007	11 24	46	14 28	635	582	6 3	53	7 40	935	914	14 5	21	54	·21	0	85·3
29	15 9	1052	985	11 12	67	14 15	639	569	7 58	70	17 40	946	914	11 50	32	104	·40	1	85·3
30	23 34	1080	984	10 52	96	16 22	630	562	9 2	68	18 10	944	915	24 0	29	147	·57	1	85·3
Mean	—	1074	987	—	88	—	645	565	—	80	—	949	902	—	47	258	—	0·60	84·8
No. of days used.	—	30	30	—	30	—	30	30	—	30	—	30	30	—	30	30	—	30	30

§ For explanation *see* page 101. Q denotes an "International Quiet Day," while D denotes a distrubed day used for the computation of Tables 271–276.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

235. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **July, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1060	1029	1033	1037	1040	1042	1040	1031	1023	1022	1017	1008	1007	1014	1020	1018	1031	1028	1044	1046	1045	1037	1037	1033	1032	1030
2	1032	1033	1031	1032	1038	1037	1035	1026	1022	1023	1016	1013	1016	1008	1018	1032	1026	1037	1051	1041	1046	1041	1035	1032	1031	1030
3 Q	1032	1037	1033	1033	1037	1038	1038	1031	1017	1003	993	990	995	1006	1018	1023	1029	1046	1048	1047	1041	1037	1034	1033	1032	1027
4 Q	1032	1034	1034	1035	1039	1036	1034	1027	1015	1008	1000	999	1002	1014	1023	1033	1044	1047	1047	1043	1042	1042	1042	1042	1041	1030
5	1041	1042	1042	1042	1042	1042	1041	1037	1029	1018	1004	998	995	1002	1013	1028	1038	1048	1052	1052	1052	1047	1045	1043	1042	1033
6	1042	1037	1042	1043	1047	1048	1039	1028	1018	1007	995	995	1000	1013	1028	1042	1048	1046	1048	1056	1062	1043	1042	1047	1047	1034
7	1048	1045	1046	1048	1053	1040	1038	1034	1033	1023	1009	1003	1008	1009	1022	1029	1045	1057	1060	1077	1057	1045	1033	1035	1037	1037
8	1037	1037	1035	1035	1038	1039	1038	1028	1010	1003	999	1000	1001	1011	1024	1035	1039	1043	1048	1045	1041	1039	1034	1034	1033	1029
9 D	1033	1030	1030	1034	1038	1038	1048	1038	1030	1030	1015	1012	1011	995	1034	1043	1044	1044	1064	1068	1073	1045	1039	1037	1038	1036
10	1038	1030	1035	1034	1027	1034	1034	1034	1026	1023	1006	990	999	1011	1020	1026	1039	1040	1053	1043	1041	1036	1038	1038	1032	1029
11	1033	1027	1028	1030	1037	1037	1024	1024	1020	1009	1010	1007	1005	1026	1034	1033	1035	1033	1049	1045	1046	1045	1039	1039	1036	1030
12	1036	1039	1038	1033	1040	1039	1034	1029	1028	1018	1013	1012	1020	1031	1029	1033	1040	1035	1039	1045	1049	1044	1043	1044	1040	1034
13	1040	1040	1039	1040	1039	1043	1041	1036	1029	1026	1011	1004	1000	1007	1014	1024	1035	1039	1044	1043	1042	1039	1035	1035	1035	1031
14	1036	1035	1036	1036	1036	1035	1032	1032	1031	1024	1012	1012	1013	1021	1025	1030	1036	1043	1044	1045	1043	1040	1041	1041	1043	1033
15	1043	1041	1039	1039	1041	1045	1045	1041	1032	1021	1007	1002	1003	1007	1031	1030	1046	1043	1060	1056	1047	1040	1036	1030	1025	1034
16	1025	1026	1029	1031	1031	1037	1035	1026	1021	1017	1012	998	996	1001	1012	1035	1036	1040	1045	1050	1050	1039	1032	1032	1037	1028
17	1037	1030	1031	1031	1030	1029	1030	1012	1015	1012	1006	1003	1006	1013	1022	1025	1026	1026	1035	1044	1040	1044	1036	1036	1036	1026
18	1037	1037	1026	1045	1047	1038	1037	1033	1022	1009	998	995	1003	1026	1022	1043	1048	1051	1045	1041	1041	1038	1038	1043	1032	1032
19	1032	1036	1032	1037	1037	1037	1036	1030	1023	1012	998	988	994	1013	1019	1026	1031	1045	1054	1051	1040	1041	1037	1037	1032	1029
20 D	1032	1033	1036	1032	1038	1040	1035	1028	1022	1012	1004	1002	1000	1017	1033	1043	1042	1060	1071	1056	1042	1042	1033	1037	1039	1033
21	1040	1039	1037	1037	1036	1048	1047	1009	979	965	984	994	1005	1005	1013	1023	1031	1034	1044	1036	1037	1038	1033	1029	1033	**1022**
22	1033	1033	1032	1031	1029	1032	1029	1027	1019	1014	1012	1004	997	1002	1013	1035	1038	1035	1042	1043	1044	1034	1032	1029	1028	1026
23 Q	1028	1029	1028	1028	1028	1030	1027	1023	1018	1013	1008	1001	1007	1013	1022	1029	1036	1040	1040	1039	1037	1034	1033	1032	1032	1026
24	1033	1033	1034	1034	1035	1033	1029	1028	1023	1015	1010	1012	1022	1023	1022	1024	1030	1037	1039	1042	1044	1044	1044	1043	1044	1031
25 D	1044	1040	1039	1042	1040	1047	1050	1045	1036	1029	1019	1014	1007	1024	1040	1041	1039	1048	1048	1053	1058	1039	1039	1035	1034	**1038**
26 D	1035	1034	1033	1033	1031	1030	1023	1020	1018	988	981	990	1006	1013	1014	998	1020	1021	1031	1057	1054	1055	1059	1049	1044	1025
27 D	1044	1037	1023	1031	1036	1040	1034	1040	1034	1020	1014	1015	1021	1025	1014	1017	1031	1045	1064	1053	1055	1040	1045	1013	1024	1033
28	1024	1030	1025	1035	1039	1027	1026	1034	1025	1015	1012	1019	1013	1010	1018	1015	1021	1030	1040	1040	1037	1031	1031	1031	1032	1026
29	1032	1034	1035	1035	1036	1035	1036	1035	1026	1015	1002	988	993	1006	1013	1024	1021	1029	1039	1045	1042	1040	1036	1034	1031	1026
30 Q	1032	1032	1032	1034	1036	1040	1038	1035	1025	1012	1003	998	1001	1010	1021	1026	1032	1041	1041	1050	1044	1040	1039	1036	1036	1029
31 Q	1036	1035	1035	1035	1036	1040	1040	1035	1023	1008	997	997	1001	1007	1015	1018	1030	1036	1042	1046	1041	1042	1041	1040	1041	1028
Mean	1036	1035	1034	1036	1037	1038	1036	1030	1022	1013	1005	**1002**	1005	1012	1021	1028	1035	1040	1047	**1048**	1046	1041	1038	1036	1035	1030

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

236. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **July, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	603	568	582	586	585	583	576	568	567	568	580	599	617	628	633	629	621	609	606	610	610	601	600	598	602	597
2	602	600	600	612	595	585	577	579	576	568	575	584	615	623	631	629	620	617	614	601	595	595	593	599	602	599
3 Q	603	603	596	594	592	585	577	571	569	567	577	595	615	629	628	626	621	613	610	608	608	606	604	602	598	600
4 Q	598	598	598	598	595	592	577	567	566	569	587	611	628	633	637	635	633	623	612	602	600	601	601	601	602	**603**
5	602	601	600	596	592	581	571	565	567	574	582	595	611	623	627	630	628	623	620	613	614	608	605	602	601	601
6	601	595	595	594	591	579	572	565	565	566	583	599	619	637	646	638	628	621	614	611	609	600	596	601	597	601
7	597	595	596	595	594	583	576	572	571	573	576	595	622	632	637	636	633	626	624	607	599	595	588	585	586	600
8	586	585	591	589	589	581	576	566	575	576	587	600	607	618	620	619	618	617	611	605	602	597	598	599	597	597
9 D	597	593	591	592	586	581	567	566	562	572	585	597	618	620	642	642	633	629	630	619	596	585	597	608	592	600
10	592	590	596	592	598	598	587	580	578	583	582	583	602	607	607	605	613	612	611	608	607	609	602	598	597	598
11	597	594	589	589	586	582	583	585	579	589	598	602	608	620	620	615	609	604	610	608	608	607	603	602	603	600
12	603	602	595	587	585	577	577	577	578	585	594	603	611	618	615	614	616	615	615	606	606	604	602	601	597	599
13	598	597	594	593	589	584	575	570	564	564	576	593	607	618	614	612	605	603	598	598	602	603	604	602	600	594
14	600	598	598	597	594	588	579	574	573	579	583	593	601	608	612	612	614	617	615	609	603	604	604	604	602	598
15	602	598	596	596	593	582	577	577	571	565	575	595	610	622	631	623	626	620	624	612	602	598	579	580	585	598
16	585	575	567	574	568	562	571	574	574	577	588	595	604	610	616	619	616	613	608	605	596	598	591	592	587	**591**
17	587	590	591	590	588	578	562	560	559	555	569	590	611	625	629	617	609	606	605	598	602	601	583	588	575	591
18	575	555	568	564	571	581	567	572	572	576	593	605	621	632	632	625	623	619	612	604	604	603	592	593	595	595
19	596	596	594	594	588	583	574	574	571	576	586	599	614	619	623	621	611	605	610	612	610	608	603	604	600	599
20 D	600	599	595	595	589	583	573	569	570	572	579	594	607	619	617	616	616	626	621	609	609	610	589	599	598	598
21	598	592	586	578	592	577	572	568	584	588	609	602	606	626	624	614	612	615	614	612	611	602	597	596	599	599
22	599	595	584	584	586	585	580	576	578	576	583	590	604	611	613	615	615	616	614	605	601	600	599	597	595	596
23 Q	596	593	594	592	590	585	580	577	573	579	589	594	603	603	603	607	607	605	601	604	604	604	604	598	596	595
24	596	595	596	595	592	585	582	588	585	585	592	606	619	616	617	618	617	611	610	610	608	604	602	600	597	601
25 D	597	595	596	596	584	582	577	574	574	581	592	608	613	627	632	631	625	622	619	613	587	597	596	596	598	601
26 D	598	591	585	585	585	581	586	587	578	582	621	632	643	649	649	644	634	626	616	614	613	612	613	593	594	609
27 D	594	595	591	590	574	583	568	579	582	590	603	615	626	639	644	638	633	630	617	612	608	590	544	547	572	599
28	573	579	601	607	592	588	588	586	582	581	583	599	612	617	618	615	609	605	602	599	598	598	598	597	598	597
29	598	598	598	605	602	588	577	570	568	571	578	593	608	622	620	620	612	605	601	598	597	601	600	598	598	597
30 Q	598	596	596	597	597	592	583	576	572	579	587	606	624	631	627	615	608	606	601	604	601	605	601	601	600	600
31 Q	600	598	596	592	591	584	578	575	571	570	581	598	615	623	628	619	612	607	601	604	601	601	602	601	601	598
Mean	596	592	592	592	589	583	576	574	**573**	575	586	599	614	623	**626**	623	619	615	612	607	604	602	596	596	596	598

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

237. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **July, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	916	921	925	929	931	930	930	934	934	932	930	926	926	930	931	934	939	942	942	941	938	938	936	934	934	932
2	934	934	934	927	926	931	934	934	931	934	935	933	925	921	919	927	935	938	942	947	947	942	939	935	934	934
3 Q	933	932	930	933	935	936	934	937	937	933	925	918	918	922	925	933	938	940	941	943	941	938	937	937	937	933
4 Q	937	936	937	937	937	936	935	940	938	940	936	929	921	922	929	933	937	941	945	945	938	936	933	933	933	935
5	933	933	933	934	937	938	938	938	934	929	925	922	917	917	922	933	937	937	938	938	937	934	933	933	933	932
6	933	933	933	934	937	938	939	938	938	934	933	929	920	920	921	926	931	938	941	941	941	941	938	934	933	934
7	933	934	933	934	937	940	941	940	938	933	933	930	931	932	930	933	933	937	941	953	954	950	945	938	933	938
8	933	930	929	929	929	930	933	933	934	930	924	920	918	920	922	929	934	940	941	942	941	940	937	936	936	931
9 D	935	936	936	936	937	937	936	935	932	927	919	916	915	916	921	932	947	953	953	956	951	945	939	936	933	935
10	933	936	936	937	936	928	932	937	940	933	925	931	932	932	935	941	945	952	953	954	949	948	944	939	932	939
11	932	936	937	940	939	940	937	933	933	928	923	921	924	924	924	932	936	937	940	944	944	942	941	939	937	934
12	936	935	935	936	936	936	935	935	935	932	925	927	922	927	934	936	936	941	939	939	939	936	935	935	935	934
13	935	935	935	934	935	935	935	938	936	931	928	927	931	931	935	934	938	940	941	940	938	939	938	938	937	935
14	937	938	937	937	938	938	937	936	935	931	925	926	924	927	931	935	935	932	934	935	939	938	938	936	937	934
15	937	937	938	939	940	943	940	941	943	941	934	927	927	930	932	938	944	953	957	963	964	959	955	948	941	943
16	941	935	935	936	936	936	935	938	939	939	941	936	933	932	931	936	943	944	948	948	948	948	947	943	936	939
17	935	938	938	939	939	942	939	938	938	935	923	914	921	930	934	935	939	942	942	942	942	941	943	940	934	936
18	933	926	914	920	921	927	933	933	929	926	929	922	921	926	932	933	938	942	945	942	941	941	941	939	937	931
19	937	937	938	939	941	941	941	941	940	934	929	928	925	927	939	939	945	945	941	941	940	938	937	937	937	937
20 D	937	938	939	941	941	943	943	941	938	933	929	928	925	925	932	941	942	941	950	955	957	952	950	946	937	940
21	937	937	941	941	938	936	937	938	936	934	933	934	930	933	934	938	946	947	946	946	946	945	945	942	939	939
22	939	930	934	938	941	941	941	945	942	935	937	937	937	938	937	937	941	949	949	949	949	946	945	942	941	941
23 Q	940	940	940	940	941	944	944	940	940	936	928	922	923	925	932	936	936	940	940	941	943	943	941	941	941	937
24	941	940	940	940	941	944	942	941	940	937	934	930	927	930	938	942	944	944	944	944	944	942	940	940	940	940
25 D	940	940	940	937	941	940	937	940	940	936	929	926	924	925	929	937	945	949	955	956	958	952	947	945	944	940
26 D	944	944	943	943	944	944	941	940	940	940	934	932	928	937	950	963	969	969	969	961	956	952	947	945	945	947
27 D	945	945	946	945	937	922	918	912	908	911	908	912	918	928	934	943	949	956	967	969	965	963	953	935	933	937
28	932	936	936	933	937	939	939	941	944	943	939	935	934	939	946	950	950	948	949	951	949	948	947	946	946	942
29	946	945	944	944	942	944	944	948	948	952	948	946	940	940	944	950	952	953	952	948	948	948	947	946	946	947
30 Q	946	946	946	946	947	947	945	948	948	948	944	937	935	935	937	944	948	951	951	950	948	948	947	946	946	945
31 Q	946	947	947	944	948	947	946	947	947	948	944	940	935	932	937	943	951	952	952	951	948	948	946	946	946	945
Mean	937	936	936	937	938	938	937	938	937	935	931	928	926	928	932	938	942	945	947	948	947	945	942	940	938	938

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

238. Eskdalemuir. **July, 1924.**

Day.	Terrestrial Magnetic Force.												Character Figures. §		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.				Vertical Component.						
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	ΣR^2	p		
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	$100\gamma^2$			a
1	0 1	1059	1003	11 40	56	14 2	636	558	0 40	78	16 55	943	914	0 5	29	101	·93	1	85·4
2	18 22	1060	1002	12 39	58	14 32	636	567	9 10	69	19 28	949	918	13 45	31	91	·84	1	85·4
3	17 40	1052	989	10 50	63	12 44	629	566	9 0	63	18 41	944	917	11 0	27	87	·80	0	85·5
4	17 20	1048	995	11 20	53	13 41	638	564	7 36	74	18 10	946	920	12 8	26	90	·83	0	85·5
5	19 52	1055	994	12 5	61	14 40	630	564	7 59	66	19 20	939	917	11 50	22	86	·79	0	85·5
6	20 28	1082	992	11 29	90	14 28	647	561	7 20	86	18 20	941	917	12 20	24	161	1·48	1	85·5
7	19 2	1083	996	11 12	87	16 26	639	568	9 22	71	19 40	955	929	13 53	26	133	1·23	1	85·5
8	18 40	1049	995	10 28	54	14 44	622	562	7 19	60	19 20	943	917	11 10	26	72	·66	0	85·5
9	19 29	1092	985	12 40	107	16 36	654	552	7 14	102	19 0	957	891	12 11	66	262	2·42	2	85·6
10	17 43	1059	985	10 53	74	17 43	619	572	10 43	47	18 40	956	924	10 0	32	87	·80	1	85·6
11	17 53	1061	1000	12 10	61	14 8	628	573	8 5	55	19 18	944	920	11 2	24	73	·68	1	85·6
12	20 11	1054	1008	11 23	46	13 0	623	572	6 54	51	17 0	943	919	12 15	24	53	·49	0	85·7
13	17 52	1045	996	12 5	49	13 2	619	561	8 3	58	18 0	941	925	10 38	16	60	·56	0	85·7
14	17 53	1047	1011	11 39	36	17 15	619	570	7 7	49	20 0	939	923	12 10	16	40	·37	0	85·9
15	18 23	1066	997	11 23	69	14 23	636	557	22 32	79	19 32	964	927	11 0	37	124	1·14	1	85·9
16	19 50	1055	989	12 15	66	14 50	628	561	1 47	67	20 0	950	929	13 40	21	93	·86	1	85·9
17	18 36	1049	998	11 10	51	14 0	632	554	8 43	78	22 10	944	913	11 21	31	96	·89	1	85·9
18	16 58	1061	991	11 12	70	12 55	637	545	1 1	92	17 40	945	912	1 51	33	145	1·33	1	85·9
19	18 19	1060	979	11 22	81	13 58	631	563	7 57	68	16 21	946	924	12 28	22	117	1·08	1	85·9
20	16 40	1092	993	11 42	99	16 41	648	568	7 22	80	19 48	959	923	12 19	36	175	1·62	1	86·0
21	17 48	1052	959	9 5	93	12 50	632	562	7 11	70	16 48	949	929	12 8	20	139	1·29	1	86·0
22	19 23	1050	994	12 27	56	16 25	618	570	8 11	48	19 30	950	929	0 58	21	59	·54	1	86·1
23	17 35	1042	998	11 12	44	15 20	607	572	7 54	35	20 30	944	920	11 6	24	37	·35	0	86·1
24	21 45	1051	1009	10 38	42	12 20	620	581	6 8	39	16 10	945	924	11 40	21	37	·34	0	86·2
25	19 45	1096	999	11 55	97	13 35	642	572	7 30	70	19 40	962	921	11 25	41	160	1·48	1	86·2
26	19 0	1070	969	10 15	101	12 59	666	563	8 28	103	17 17	970	927	11 40	43	227	2·09	1	86·2
27	18 30	1076	996	14 22	80	13 41	664	534	23 22	130	18 47	973	908	10 18	65	275	2·54	1	86·3
28	19 20	1045	1005	12 58	40	13 34	621	569	0 20	52	19 0	952	931	0 1	21	47	·44	1	86·3
29	19 32	1049	981	11 20	68	13 8	623	566	8 3	57	17 10	953	939	12 12	14	81	·75	0	86·4
30	18 55	1054	994	11 35	60	12 27	633	571	7 51	62	17 25	952	934	12 11	18	78	·72	0	86·4
31	18 39	1049	994	10 30	55	13 51	631	569	8 30	62	17 19	952	932	12 41	20	73	·67	0	86·5
Mean.	—	1060	993	—	67	—	633	564	—	68	—	950	922	—	28	108	—	0·65	85·9
No. of Days used.	—	31	31	—	31	—	31	31	—	31	—	31	31	—	31	31	—	31	31

§ For explanation *see* page 101. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

239. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **August, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1040	1038	1040	1039	1041	1045	1042	1039	1030	1021	1008	998	990	1003	1011	1018	1019	1022	1030	1040	1045	1044	1044	1041	1041	1029
2	1042	1036	1032	1036	1037	1041	1040	1035	1027	1016	1002	993	991	1000	1020	1029	1041	1048	1051	1047	1046	1045	1042	1041	1040	1031
3	1046	1046	1047	1046	1046	1044	1041	1031	1023	1017	1008	1005	1006	1004	1013	1027	1033	1036	1042	1046	1047	1043	1041	1038	1035	1032
4	1036	1043	1042	1037	1046	1043	1042	1034	1033	1021	1014	1003	1006	995	1020	1039	1043	1042	1048	1050	1050	1048	1049	1054	1043	1035
5 D	1043	1042	1049	1035	1037	1039	1036	1032	1032	1021	1011	1005	1014	1020	1018	1034	1036	1034	1046	1044	1042	1042	1053	1058	1054	1035
6	1054	1057	1031	1038	1042	1045	1031	1038	1033	1018	1010	999	994	999	1009	1022	1028	1042	1052	1051	1037	1040	1037	1035	1035	1031
7	1036	1035	1034	1035	1036	1034	1038	1034	1024	1023	1014	999	995	995	1004	1009	1024	1029	1052	1053	1048	1044	1046	1053	1038	1029
8	1038	1030	1037	1023	1029	1035	1038	1029	1027	1024	1018	1009	1009	1009	1010	1016	1030	1043	1046	1052	1044	1040	1036	1035	1036	1029
9	1037	1035	1034	1031	1030	1034	1035	1030	1025	1015	1006	1001	1006	1019	1024	1030	1034	1038	1047	1046	1039	1039	1036	1038	1035	1029
10	1035	1038	1038	1037	1037	1035	1034	1030	1026	1019	1015	1015	1018	1019	1026	1034	1042	1043	1039	1041	1043	1043	1043	1045	1048	1033
11 Q	1048	1041	1036	1038	1039	1039	1034	1029	1025	1015	1010	1012	1011	1015	1023	1033	1039	1043	1041	1043	1044	1041	1039	1039	1038	1032
12 Q	1039	1040	1040	1039	1040	1036	1037	1032	1022	1013	1011	1016	1021	1027	1032	1037	1040	1041	1047	1051	1049	1047	1046	1045	1044	1035
13	1044	1040	1042	1042	1040	1040	1035	1030	1021	1016	1011	1013	1020	1021	1025	1025	1037	1042	1047	1050	1049	1045	1044	1044	1042	1034
14	1042	1041	1041	1041	1041	1040	1035	1031	1025	1016	1002	998	1008	1018	1021	1032	1040	1045	1045	1046	1045	1045	1044	1041	1040	1033
15	1041	1041	1041	1042	1041	1041	1036	1032	1027	1021	1007	1004	1006	1022	1023	1025	1036	1044	1050	1051	1050	1046	1046	1045	1046	1034
16	1046	1043	1041	1042	1041	1041	1038	1032	1021	1008	996	1003	1012	1022	1036	1043	1041	1040	1050	1057	1047	1041	1041	1048	1051	1035
17 D	1052	1052	1049	1049	1051	1042	1038	1040	1034	1032	1018	1020	1028	1036	1047	1042	1047	1066	1066	1073	1028	1037	1043	1049	1062	**1044**
18 D	1062	1056	1047	1022	1042	1032	1028	1019	1013	1008	998	998	999	1014	1023	1030	1033	1038	1041	1033	1035	1039	1037	1035	1033	1028
19	1033	1033	1023	1031	1034	1033	1028	1027	1022	1009	995	994	1003	1011	1015	1019	1025	1027	1031	1037	1037	1034	1040	1035	1032	**1024**
20 Q	1033	1034	1033	1033	1034	1034	1033	1033	1028	1018	1009	1004	1004	1006	1014	1023	1033	1039	1043	1043	1043	1039	1038	1038	1038	1029
21 Q	1038	1035	1034	1034	1034	1034	1034	1033	1029	1023	1014	1004	1000	1004	1015	1021	1023	1029	1034	1040	1044	1043	1042	1038	1043	1028
22	1043	1039	1038	1038	1038	1038	1040	1038	1034	1025	1010	1001	999	1005	1017	1029	1034	1039	1052	1052	1045	1045	1044	1043	1039	1033
23	1040	1039	1039	1039	1039	1037	1039	1036	1031	1022	1015	1010	1016	1015	1019	1026	1030	1039	1045	1049	1053	1045	1039	1038	1040	1033
24	1040	1038	1036	1040	1039	1038	1036	1030	1020	1011	1001	1001	1009	1016	1024	1030	1039	1040	1044	1044	1041	1039	1044	1041	1044	1031
25 Q	1044	1043	1040	1040	1040	1039	1036	1031	1021	1015	1007	1006	1008	1015	1025	1031	1036	1040	1044	1044	1044	1044	1045	1045	1044	1033
26	1044	1044	1044	1040	1039	1036	1035	1029	1020	1011	1010	1015	1022	1033	1039	1045	1049	1050	1046	1043	1040	1039	1039	1039	1039	1035
27	1039	1039	1039	1039	1036	1035	1034	1029	1024	1021	1021	1021	1025	1029	1029	1036	1038	1042	1047	1043	1044	1042	1039	1039	1039	1035
28	1040	1040	1040	1040	1040	1040	1041	1040	1034	1025	1011	1008	1011	1026	1037	1046	1049	1066	1048	1050	1052	1052	1054	1054	1055	1039
29 D	1055	1058	1054	1040	1039	1041	1041	1039	1027	1020	1006	1002	1006	1020	1028	1037	1030	1030	1035	1036	1035	1034	1036	1035	1031	1032
30 D	1031	1027	1044	1044	1045	1040	1035	1035	1025	1010	1001	998	1009	1009	1022	1031	1036	1040	1045	1046	1045	1045	1045	1047	1046	1032
31	1046	1043	1044	1047	1043	1040	1040	1031	1008	1002	1003	1000	1006	1016	1031	1035	1037	1045	1050	1050	1050	1044	1042	1046	1047	1033
Mean†	1042	1040	1040	1038	1039	1038	1037	1032	1025	1017	1008	**1005**	1008	1015	1023	1030	1036	1040	1045	**1047**	1044	1042	1042	1042	1042	1032

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

240. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **August, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	601	600	596	590	589	581	570	568	568	577	589	603	619	631	633	629	619	614	604	603	604	604	605	605	600	600
2	600	596	596	595	593	589	581	575	567	568	578	594	614	630	632	627	618	606	602	599	600	600	599	599	592	598
3	593	591	590	588	585	582	580	577	574	570	574	588	616	628	624	618	611	607	601	601	603	601	601	600	592	596
4	592	593	574	577	582	574	568	574	574	578	584	595	622	624	630	630	623	609	608	606	606	605	606	602	613	598
5 D	613	600	570	578	584	576	575	569	570	574	588	602	619	631	630	633	625	618	613	612	606	605	611	605	604	600
6	604	605	603	608	591	587	583	594	585	585	586	588	603	613	617	610	603	604	605	604	596	600	601	598	598	**601**
7	598	597	596	597	593	584	580	574	571	577	579	586	603	614	623	623	620	615	614	609	605	605	604	590	576	598
8	576	591	592	596	597	583	580	576	574	572	569	577	588	597	605	609	609	607	606	605	605	603	601	598	598	593
9	598	597	593	592	590	585	581	582	580	580	593	604	612	609	610	614	608	606	603	605	601	601	598	596	596	597
10	597	597	596	591	588	583	581	578	577	580	588	598	606	609	615	614	611	602	599	606	606	602	601	602	599	597
11 Q	599	597	594	593	591	586	586	585	579	584	596	606	619	627	627	620	609	601	597	597	597	602	602	601	599	600
12 Q	599	600	598	597	595	589	581	576	575	579	593	606	616	619	616	608	604	597	596	597	601	603	603	601	600	598
13	600	596	596	591	591	583	581	580	584	589	607	623	635	637	631	619	604	593	592	594	600	600	599	597	597	601
14	597	601	598	598	597	588	583	578	578	582	594	612	628	632	627	620	609	599	596	596	597	598	598	597	597	600
15	597	597	597	596	592	585	577	571	569	573	586	599	615	618	619	607	603	596	593	595	599	601	601	597	598	595
16	598	597	597	592	592	582	573	567	568	574	589	602	617	623	624	617	607	602	603	606	601	602	601	600	595	597
17 D	595	594	590	589	585	575	574	581	581	582	587	601	616	629	633	623	616	623	626	630	590	587	596	589	568	599
18 D	568	558	554	595	565	571	568	568	570	575	588	604	611	619	620	614	605	602	598	593	593	597	597	594	591	**589**
19	591	592	605	598	587	583	577	576	572	575	589	600	610	618	615	612	610	606	593	588	592	593	591	592	592	594
20 Q	592	589	587	587	584	582	578	576	572	574	581	596	608	614	617	615	609	599	592	590	590	593	592	591	591	592
21 Q	591	592	591	589	587	582	577	572	568	573	579	588	604	615	620	616	606	599	598	598	600	596	593	592	590	593
22	591	589	592	592	589	583	582	577	574	577	588	598	619	635	633	627	616	608	607	606	602	602	598	597	594	599
23	594	593	593	591	589	586	577	574	568	572	581	591	607	612	613	612	605	598	593	595	585	588	592	596	593	592
24	593	595	604	592	587	582	578	573	572	576	583	596	614	618	612	610	604	599	597	599	598	598	597	598	597	595
25 Q	597	593	595	593	589	585	578	569	565	574	596	606	616	619	616	611	605	598	596	599	602	599	598	597	597	596
26	597	597	593	593	590	586	579	578	579	587	599	614	627	625	614	604	593	587	588	592	598	594	598	593	593	596
27	593	592	592	592	589	585	578	575	576	585	601	615	626	628	622	620	609	607	604	599	602	598	592	592	593	599
28	593	593	593	592	588	587	587	583	583	580	584	597	617	630	629	617	606	599	597	598	599	597	597	598	595	598
29 D	595	593	584	583	587	583	577	570	564	566	582	603	622	638	637	636	621	616	599	596	582	588	590	578	558	593
30 D	558	559	570	570	570	573	574	561	559	564	583	606	624	629	628	620	609	601	600	602	599	599	597	594	592	590
31	592	589	594	592	576	577	577	578	591	577	581	594	608	616	620	617	609	606	606	606	602	592	595	596	594	595
Mean†	593	592	591	591	587	583	578	575	**574**	577	587	600	615	622	**622**	618	610	604	600	599	599	592	598	596	593	596

† Mean of 29 days; 5th and 6th omitted. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

241. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **August, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	946	944	944	945	947	947	946	944	943	937	927	926	931	931	937	945	953	960	961	957	955	952	948	948	946	945
2	946	947	948	948	951	952	952	952	952	949	944	940	939	939	941	948	949	954	953	951	948	946	946	946	946	948
3	946	945	946	947	948	948	947	945	943	940	934	927	924	931	935	939	944	948	948	946	944	944	944	944	946	**942**
4	946	944	944	947	947	948	948	945	940	938	932	932	931	932	932	939	946	951	951	948	944	944	944	944	947	942
5 D	947	939	930	‡	‡	‡	‡	‡	‡	‡	934	932	928	932	*	*	*	*	*	*	*	*	*	*	*	—
6	*	*	*	*	*	*	*	*	*	*	940	940	939	939	943	952	960	960	960	960	959	955	951	951	949	—
7	948	948	948	947	947	950	951	951	950	946	944	943	943	943	944	947	951	956	956	958	955	951	950	947	944	949
8	944	945	945	944	943	947	950	951	951	947	946	946	942	942	947	948	950	954	955	955	955	952	951	951	950	948
9	950	950	950	951	951	951	951	950	947	950	946	943	938	938	946	951	952	955	956	956	955	953	951	951	951	950
10	951	951	951	951	951	952	953	954	952	945	942	938	934	936	939	947	953	955	956	954	952	951	951	950	947	949
11 Q	947	947	947	948	951	952	954	950	950	947	942	939	940	943	947	947	952	947	955	951	951	951	951	951	951	948
12 Q	951	951	951	951	951	954	955	957	955	951	947	937	935	939	947	955	956	955	954	948	948	950	950	950	950	950
13	950	951	951	950	951	952	951	952	951	947	938	938	935	936	940	951	958	959	951	950	950	950	950	948	947	948
14	947	947	947	950	951	951	951	951	951	948	942	938	938	943	949	947	950	955	954	951	949	950	950	950	950	948
15	949	950	950	949	950	953	953	951	950	946	941	937	939	937	938	946	950	951	951	949	949	947	947	949	949	947
16	949	950	950	950	950	953	953	953	950	943	938	937	934	937	944	952	954	957	954	953	953	951	950	950	950	949
17 D	950	950	950	950	950	953	949	945	945	940	937	933	930	930	934	942	945	949	958	963	958	960	955	953	954	947
18 D	954	935	935	889	900	930	941	945	945	939	933	930	937	938	949	958	964	966	965	962	962	958	954	954	954	943
19	954	954	951	949	953	958	958	955	954	951	950	946	943	945	950	955	961	962	961	958	954	957	954	954	954	954
20 Q	954	954	954	954	955	958	958	958	958	953	949	943	939	941	946	953	956	958	959	960	959	957	957	955	954	954
21 Q	954	954	954	954	954	958	958	955	955	953	949	938	934	935	942	950	955	957	954	954	954	953	954	954	953	951
22	952	952	951	952	952	952	951	951	950	949	945	941	934	931	938	945	948	949	950	952	952	952	951	951	951	948
23	951	950	949	952	952	953	953	955	953	952	950	946	941	941	945	950	951	953	953	952	954	954	954	954	951	951
24	951	950	949	948	949	952	952	953	952	949	944	936	929	934	942	948	950	953	953	952	952	953	953	952	950	948
25 Q	950	950	950	950	950	953	957	957	956	948	941	937	937	942	948	950	953	953	951	950	952	952	953	953	953	950
26	953	952	952	952	952	953	953	957	953	949	942	940	940	941	944	951	949	950	952	952	952	952	952	953	953	950
27	953	953	952	952	953	953	953	953	952	946	944	937	938	945	948	950	953	953	957	957	957	957	958	957	957	951
28	956	955	953	952	952	952	952	954	952	948	947	940	936	935	945	956	956	953	951	948	951	950	951	951	951	950
29 D	951	948	944	948	948	951	952	952	952	949	941	932	932	941	953	964	972	978	987	988	977	965	963	954	932	**955**
30 D	932	933	934	928	930	935	940	948	952	949	940	939	937	941	948	953	956	956	954	955	951	952	952	953	955	945
31	955	956	955	951	951	952	953	956	956	952	949	947	943	941	950	958	960	959	956	953	953	956	956	954	953	953
Mean†	950	949	948	947	948	951	952	952	951	947	942	938	**936**	938	944	950	953	955	**956**	955	953	952	952	951	950	949

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

242. Eskdalemuir. **August, 1924.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	West Component. Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Vertical Component. Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Character Figures. § ΣR^2	Character Figures. § ρ	Magnetic Character of Day (0–2).	Temperature in Magnet House 200
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	$100\gamma^2$			a
1	18 43	1050	983	11 58	67	13 53	636	566	8 9	70	17 38	964	924	10 40	40	110	1·23	1	86·5
2	18 0	1066	990	11 46	76	13 49	639	566	8 42	73	17 0	955	939	13 46	16	114	1·27	1	86·5
3	19 52	1051	992	11 19	59	13 52	629	568	8 58	61	4 58	949	923	12 0	26	79	·88	0	86·5
4	22 36	1066	975	13 3	91	12 42	643	562	6 30	81	17 8	952	930	12 43	22	153	1·71	1	86·6
5	1 31 / 22 3	1066	998	11 18	68	13 18	644	560	7 30	84	*	*	*	*	*	—	—	1	86·6
6	0 36	1071	989	12 20	82	0 12	630	579	5 50	51	17 5	960	938	12 10	22	98	1·10	1	86·6
7	22 50	1058	994	11 58	64	15 41	626	568	8 4	58	16 40	959	942	13 29	17	77	·87	1	86·7
8	18 58	1056	1004	13 55	52	16 26	612	568	9 0	44	17 20	956	939	12 16	17	49	·55	1	86·7
9	18 20	1051	998	11 18	53	15 42	618	578	8 22	40	18 1	957	938	12 39	19	48	·53	0	86·7
10	16 25	1049	1011	11 28	38	13 55	617	574	8 23	43	17 34	957	932	12 11	25	39	·44	0	86·7
11	0 10	1050	1008	12 2	42	13 51	630	577	8 58	53	15 30	957	938	10 42	19	49	·55	0	86·8
12	19 20	1054	1007	9 46	47	13 0	621	572	8 20	49	7 20	958	934	12 0	24	52	·58	0	86·8
13	19 38	1061	1011	10 29	50	12 48	638	578	6 12	60	16 40	959	934	12 30	25	67	·75	0	86·8
14	17 12	1050	997	10 49	53	13 0	634	577	8 0	57	17 2	955	935	11 30	20	65	·72	0	86·9
15	18 34	1055	1003	10 59	52	13 24	622	568	8 3	54	5 50	954	936	13 6	18	59	·67	0	86·9
16	19 10	1063	993	9 59	70	13 38	625	563	7 31	62	16 53	958	933	12 23	25	94	1·05	1	86·9
17	19 11	1118	999	19 35	119	19 22	650	564	5 30	86	18 58	966	929	12 23	37	229	2·57	1	86·9
18	0 30	1077	985	2 38	92	13 33	628	543	1 50	85	17 20	966	867	3 10	99	255	2·85	1	86·9
19	21 51	1043	993	10 19	50	14 17	624	568	8 29	56	19 10	962	942	12 10	20	60	·68	0	87·3
20	18 38	1049	996	11 42	53	14 38	618	571	9 10	47	18 5	960	938	12 12	22	55	·62	0	87·1
21	20 23	1048	999	12 1	49	14 0	622	568	8 0	54	6 0	958	933	12 10	25	59	·66	0	87·1
22	18 16	1055	995	11 42	60	13 17	636	572	8 6	64	5 0 / 20 3	953	929	10 39	24	83	·93	0	87·2
23	19 51	1059	1005	11 5	54	12 33	618	566	8 15	52	20 20	957	940	12 5	17	59	·66	0	87·2
24	16 57	1049	996	11 11	53	12 43	618	569	8 10	49	17 20	953	929	12 0	24	58	·65	0	87·2
25	19 50	1049	1004	10 23	45	12 52	623	564	8 19	59	6 46	957	936	11 30	21	59	·67	0	87·2
26	17 3	1053	1009	9 42	44	12 23	630	572	7 25	58	7 0	957	939	12 29	18	56	·63	0	87·3
27	20 18	1050	1020	11 3	30	13 10	631	574	7 0	57	22 8	960	937	11 20	23	47	·52	0	87·3
28	23 42	1060	1006	10 49	54	13 20	636	579	9 30	57	15 39	957	933	12 35	24	67	·75	0	87·2
29	19 23	1064	997	10 38	67	14 59	645	527	19 10	118	19 11	993	931	11 20	62	223	2·49	1	87·3
30	18 0	1055	994	11 12	61	13 34	644	546	0 19	98	16 0	957	927	3 37	30	142	1·59	1	87·3
31	20 23	1059	996	10 58	63	14 6	625	570	4 30	55	16 10	961	940	12 52	21	74	·83	0	87·3
Mean	—	1058	998	—	60	—	629	567	—	62	—	959	932	—	27	89	—	0·39	86·9
No. of Days used.	—	31	31	—	31	—	31	31	—	31	—	30	30	—	30	30	—	31	31

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

§ For explanation *see* page 101. † Mean of 29 days; 5th and 6th omitted. ‡ Gas failed. * Burner sooted up.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

243. Eskdalemuir. (X.) 15,000 γ ('15 C.G.S. unit) + **September, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 D	1048	1052	1055	1048	1050	1042	1018	995	1021	1009	975	998	1009	1014	1013	1024	1032	1051	1046	1046	1038	1052	1047	1027	1032	1029
2 Q	1032	1034	1031	1032	1032	1032	1029	1027	1018	1008	993	992	993	1004	1013	1021	1032	1034	1041	1038	1041	1042	1042	1043	1042	1025
3	1042	1043	1044	1046	1043	1037	1032	1027	1023	1013	1003	1004	1001	1008	1022	1024	1027	1033	1037	1043	1042	1042	1042	1047	1037	1030
4	1037	1037	1037	1033	1034	1037	1038	1046	1043	1028	1013	1009	1009	1009	1016	1028	1042	1052	1057	1056	1058	1048	1049	1046	1046	1036
5	1046	1042	1040	1043	1051	1054	1048	1042	1035	1027	1013	1004	1008	1019	1024	1032	1037	1047	1052	1047	1042	1043	1036	1037	1061	**1037**
6	1061	1052	1056	1056	1057	1052	1038	1019	1009	993	983	977	984	998	1006	1013	1020	1022	1026	1038	1041	1037	1037	1038	1040	1025
7 D	1040	1038	1037	1038	1039	1037	1037	1037	1027	1015	1014	1022	1027	1024	1033	1043	1052	1057	1055	1038	1031	991	965	1030	1036	1030
8 D	1036	1037	1031	1012	1022	1048	1038	1012	993	998	980	986	996	1006	1008	1022	1022	1029	1033	1037	1041	1052	1028	1036	1047	**1021**
9	1047	1028	1027	1029	1028	1030	1029	1027	1018	1008	998	999	1012	1022	1019	1029	1032	1028	1030	1032	1047	1038	1037	1041	1033	1026
10	1033	1033	1037	1032	1034	1024	1037	1037	1027	1008	1003	988	999	1008	1018	1027	1019	1027	1036	1033	1037	1032	1042	1036	1035	1025
11 Q	1035	1033	1032	1032	1033	1035	1032	1031	1013	1012	1004	1003	1008	1019	1028	1029	1032	1032	1037	1041	1039	1036	1038	1036	1038	1028
12	1038	1034	1033	1037	1037	1034	1031	1027	1022	1013	1004	1005	1012	1017	1023	1032	1034	1043	1043	1051	1032	1032	1036	1036	1033	1029
13	1033	1033	1023	1036	1037	1037	1032	1023	1008	1000	999	1003	1014	1022	1027	1031	1035	1034	1039	1043	1047	1041	1052	1047	0136	1029
14	1036	1037	1038	1037	1037	1033	1029	1026	1018	1013	1009	1013	1018	1022	1026	1032	1035	1038	1042	1041	1042	1042	1043	1041	1042	1031
15	1042	1034	1033	1040	1045	1036	1032	1027	1017	1008	998	998	997	1004	1019	1020	1029	1038	1044	1041	1041	1037	1038	1040	1037	1027
16 Q	1037	1037	1037	1037	1037	1036	1032	1026	1018	1007	998	990	998	1019	1034	1037	1037	1038	1042	1043	1042	1038	1038	1041	1041	1029
17 Q	1041	1038	1040	1036	1033	1033	1032	1025	1018	1008	1000	999	1004	1017	1024	1031	1036	1038	1041	1042	1040	1039	1038	1038	1041	1029
18	1041	1038	1037	1041	1042	1041	1041	1037	1031	1027	1021	1020	1019	1020	1028	1038	1041	1040	1042	1047	1047	1046	1041	1038	1039	1036
19	1039	1046	1043	1047	1049	1053	1053	1037	1022	1009	999	993	994	1003	1018	1032	1032	1037	1037	1038	1038	1041	1042	1038	1043	1031
20 Q	1043	1040	1038	1039	1038	1041	1040	1037	1027	1017	1008	1004	1007	1014	1023	1033	1036	1042	1043	1042	1036	1032	1032	1038	1044	1031
21	1044	1042	1041	1041	1042	1042	1041	1037	1033	1026	1017	1008	1003	1008	1016	1024	1032	1038	1041	1044	1047	1046	1047	1047	1046	1034
22	1046	1045	1043	1044	1044	1046	1045	1042	1036	1023	1012	1005	1006	1018	1028	1032	1034	1041	1041	1042	1044	1047	1048	1046	1043	1036
23	1043	1042	1042	1038	1046	1055	1056	1054	1046	1027	1017	1008	1004	999	1013	1023	1018	1022	1038	1053	1061	1047	1046	1051	1037	1035
24 D	1037	1037	1037	1036	1038	1036	1040	1038	1028	1015	1000	995	997	1004	1009	1013	1018	1021	1027	1028	1032	1032	1033	1036	1032	1024
25	1031	1036	1028	1031	1032	1031	1022	1025	1026	1013	1007	998	998	1006	1004	1007	1017	1021	1028	1031	1034	1046	1028	1040	1041	1023
26	1041	1032	1030	1026	1026	1026	1031	1026	1022	1018	1011	1004	1011	1012	1012	1012	1011	1018	1023	1031	1036	1036	1036	1037	1036	1024
27 D	1036	1040	1037	1036	1041	1037	1042	1032	1035	1031	1021	1011	1012	1016	1018	1021	1031	1042	1039	1017	1023	1069	1045	1030	1032	1032
28	1032	1040	1031	1032	1031	1032	1032	1028	1026	1021	1017	1012	1016	1018	1017	1017	1023	1027	1033	1036	1027	1064	1040	1033	1034	1029
29	1034	1032	1032	1033	1033	1032	1031	1031	1026	1021	1018	1018	1019	1019	1008	1006	1016	1026	1033	1037	1037	1037	1036	1036	1036	1027
30	1036	1034	1032	1031	1031	1031	1031	1031	1027	1021	1011	1007	1006	1008	1016	1021	1031	1034	1033	1036	1036	1035	1040	1046	1045	1028
Mean	1040	1038	1037	1037	1038	1038	1036	1030	1024	1015	1005	**1002**	1006	1013	1019	1025	1030	1035	1039	1040	1040	**1041**	1037	1039	1039	1029

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

244. Eskdalemuir. (—Y.) 4,000 γ ('04 C.G.S. unit) + **September, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 D	594	595	593	591	588	582	587	618	624	589	605	618	623	630	627	614	606	604	579	577	583	565	579	587	590	**598**
2 Q	590	588	589	590	590	585	579	571	572	573	586	604	618	627	627	614	601	596	594	595	595	594	594	594	593	594
3	593	594	593	591	587	588	580	580	577	578	595	609	614	616	615	606	596	592	594	598	590	584	588	586	587	593
4	586	589	591	585	584	582	591	593	587	578	579	591	608	614	617	616	613	611	607	602	606	598	599	597	592	597
5	592	581	577	574	565	562	565	566	567	569	581	594	608	619	622	621	619	608	603	589	582	570	564	545	552	584
6	552	548	541	547	563	571	571	581	588	597	603	612	622	623	617	608	601	595	595	593	593	593	593	593	589	588
7 D	589	589	589	588	587	583	578	572	569	571	583	600	614	613	621	619	618	629	622	589	533	526	554	563	584	587
8 D	584	582	573	629	540	557	555	561	569	580	590	609	615	622	613	602	601	596	590	587	589	585	591	589	573	588
9	573	570	574	580	580	580	578	574	570	572	585	600	619	623	617	600	594	589	586	589	577	582	593	585	588	587
10	588	589	589	575	568	581	573	575	574	577	593	602	620	627	622	604	591	584	584	588	587	580	583	584	584	589
11 Q	584	588	585	583	578	577	576	571	565	577	584	599	609	615	610	595	584	584	588	592	591	594	589	590	587	588
12	587	584	584	582	579	577	572	570	572	576	584	594	609	613	608	596	591	594	597	591	574	541	546	554	535	581
13	535	548	565	564	557	559	563	565	567	574	591	602	613	617	611	600	598	591	597	596	597	594	569	582	588	583
14	588	587	582	582	579	577	577	574	575	577	585	594	603	605	601	597	594	594	595	595	592	593	593	583	575	588
15	575	580	587	575	571	578	581	579	579	584	591	599	611	616	615	600	593	592	594	593	590	588	588	589	588	590
16 Q	587	587	586	586	584	582	577	571	566	565	580	596	620	630	628	613	598	592	591	593	592	589	590	592	580	591
17 Q	580	579	579	580	582	581	576	571	570	575	582	595	612	620	613	605	600	593	592	592	590	588	587	587	587	589
18	587	587	586	587	585	584	578	570	567	573	582	593	605	609	612	611	606	598	597	597	596	593	582	567	564	589
19	564	570	554	551	555	563	569	567	563	564	574	590	610	618	616	614	600	596	593	592	592	592	591	587	587	583
20 Q	587	583	582	585	583	582	582	574	568	567	570	579	596	608	611	609	604	601	598	592	589	578	583	583	582	587
21	582	584	581	584	585	586	582	576	571	568	571	579	591	601	609	611	605	598	592	586	594	593	592	592	591	588
22	591	591	590	588	588	587	585	578	574	574	576	583	602	612	610	603	594	592	592	591	591	585	567	571	577	588
23	577	585	581	586	580	574	578	579	581	591	591	600	611	610	606	607	601	597	592	596	601	591	578	579	578	591
24 D	578	573	535	582	560	565	570	571	567	568	572	579	595	602	603	603	601	593	593	590	588	587	587	576	584	**581**
25	584	571	579	579	581	577	579	577	573	569	578	588	600	604	603	599	596	591	589	586	585	577	574	581	565	584
26	564	556	569	575	576	576	574	577	579	575	576	587	601	608	606	606	601	596	593	587	586	586	578	575	582	584
27 D	582	585	580	608	576	576	570	570	577	570	582	590	601	606	616	606	603	597	592	565	583	559	568	571	567	584
28	567	585	573	565	571	575	572	575	573	576	583	591	603	608	606	601	580	589	592	587	582	583	575	581	581	583
29	581	581	581	581	580	579	576	573	572	575	586	596	606	615	618	602	596	594	593	588	585	585	582	582	582	588
30	582	581	581	580	579	577	576	575	570	567	571	581	592	600	600	595	592	587	586	587	578	581	586	585	580	583
Mean	580	580	578	582	576	577	576	575	**574**	575	584	595	608	**614**	613	606	599	596	594	590	587	582	581	581	580	588

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

245. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **September, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 D	955	954	950	953	953	956	957	947	938	942	943	940	944	946	957	966	969	967	979	980	971	963	947	949	953	955
2 Q	953	955	957	957	957	961	961	961	960	955	953	951	948	949	957	964	965	965	962	958	957	957	957	957	957	957
3	957	957	957	957	957	955	957	957	955	952	951	948	948	952	958	966	969	968	964	962	962	962	959	956	953	**958**
4	952	953	953	956	957	958	956	949	945	940	935	932	934	939	944	950	952	952	952	952	952	953	952	953	953	949
5	953	954	955	954	951	947	948	948	946	942	940	941	940	941	947	954	961	968	972	976	972	967	961	955	939	954
6	939	920	907	905	903	906	911	919	921	923	928	935	940	950	956	961	965	969	970	967	963	960	957	956	954	**939**
7 D	954	938	954	955	956	956	957	956	958	957	950	944	936	940	944	948	952	956	979	1010	997	952	941	954	960	956
8 D	959	960	953	893	877	914	930	938	939	947	950	947	948	949	961	968	969	968	971	971	964	951	954	954	942	947
9	942	934	945	949	951	955	956	959	958	957	955	952	948	949	958	963	967	967	967	964	963	959	956	951	955	955
10	955	955	953	950	947	947	950	952	951	950	947	946	948	952	962	972	971	965	962	960	961	962	958	956	956	955
11 Q	956	955	956	957	957	958	960	960	960	957	953	947	943	946	950	955	958	957	955	955	956	958	957	958	957	955
12	957	956	958	957	957	957	958	958	956	953	948	942	939	943	951	956	958	956	953	962	968	967	966	954	941	955
13	941	944	951	955	959	958	958	957	956	955	954	949	946	947	952	958	959	956	953	954	955	958	960	954	955	954
14	955	955	957	957	957	956	956	957	958	955	951	946	942	945	948	953	955	956	955	955	955	955	955	957	956	954
15	956	956	954	953	954	954	951	950	950	950	947	943	943	950	955	963	964	959	958	958	957	956	955	955	956	954
16 Q	955	955	955	955	955	956	958	958	957	954	945	939	937	939	947	952	957	958	957	954	954	954	954	954	954	952
17 Q	954	954	953	954	954	956	959	959	957	953	949	946	941	945	947	953	954	955	946	955	954	954	954	954	953	952
18	953	954	954	954	954	954	956	954	950	943	940	937	938	942	945	948	953	954	954	954	954	954	957	958	955	951
19	954	947	945	944	944	942	944	947	947	945	942	941	940	941	947	952	956	956	955	955	954	954	953	954	953	948
20 Q	953	953	953	953	953	953	956	958	957	956	953	946	940	940	941	948	953	954	955	956	957	958	958	957	954	953
21	954	953	953	953	953	953	954	955	954	953	949	946	945	944	941	944	948	953	954	957	953	953	952	951	950	951
22	950	950	950	950	950	951	953	953	953	952	952	949	945	941	941	945	950	952	951	953	953	953	953	949	946	950
23	946	946	948	948	946	945	945	945	944	944	946	948	946	949	949	954	962	959	957	953	950	957	965	958	941	950
24 D	941	920	912	878	878	915	936	943	949	953	953	952	948	948	949	950	953	957	957	958	958	958	958	957	953	941
25	953	946	950	953	953	953	954	955	956	953	951	950	949	949	952	953	955	957	958	958	958	958	958	954	950	953
26	949	948	949	952	952	953	953	953	953	953	952	947	945	948	952	957	959	961	960	959	959	959	960	959	957	954
27 D	957	956	956	946	945	949	951	952	949	951	948	944	944	944	948	952	956	957	964	977	973	955	939	946	953	952
28	953	949	952	953	953	953	955	956	956	955	952	948	947	947	952	957	970	968	963	961	963	953	952	954	956	955
29	956	957	957	956	956	956	956	956	955	954	947	940	939	940	949	955	956	956	956	956	956	955	956	956	956	953
30	955	955	955	955	955	955	954	953	953	951	946	943	943	947	950	951	955	957	957	956	955	956	955	947	947	952
Mean	952	950	950	947	946	949	952	952	951	950	948	945	**943**	945	950	956	959	959	960	**961**	960	957	955	954	952	952

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

246. Eskdalemuir. **September, 1924.**

Day.	Terrestrial Magnetic Force.																Character Figures. §		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.									
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.					
	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	ΣR^2	ρ		*a*.
1	21 23	1081	9 42	964	117	7 30	648	21 3	550	98	18 11	984	7 50	936	48	256	1·89	1	87·3
2	22 32	1044	12 6	988	56	13 45	633	8 2	561	72	16 50	966	12 0	948	18	86	·64	0	87·3
3	23 7	1061	11 23	993	68	13 59	619	7 52	571	48	16 20	970	11 32	948	22	74	·55	0	87·3
4	19 53	1063	13 59	996	67	13 53	632	8 25	570	62	5 50	960	11 30	931	29	92	·68	1	87·3
5	24 0	1068	11 21	994	74	15 53	623	23 1	538	85	18 58	977	11 31	939	38	141	1·05	1	87·3
6	0 10	1078	11 0	973	105	13 30	631	1 48	535	96	18 10	971	4 13	901	70	251	1·86	1	87·2
7	18 29	1088	21 42	950	138	16 49	640	20 17	491	149	19 3	1016	22 9	923	92	497	3·68	2	87·3
8	20 44	1086	9 53	974	112	3 17	665	3 54	515	150	18 18	972	3 33	856	116	485	3·59	2	87·3
9	0 20	1066	10 44	990	76	13 11	626	8 16	565	61	16 40	968	0 30	929	39	110	·82	1	87·3
10	21 40	1068	11 8	983	85	12 46	630	4 21	559	71	15 30	975	11 18	944	31	132	·98	1	87·3
11	18 52	1043	10 28	1000	43	12 50	617	8 6	564	53	8 0	961	12 0	943	18	50	·37	0	87·3
12	18 32	1075	10 15	1003	72	13 14	618	21 19	514	104	19 32	971	11 52	938	33	171	1·27	1	87·3
13	22 50	1066	10 34	993	73	12 59	623	0 4	528	95	22 10	960	0 1	938	22	148	1·10	1	87·3
14	23 51	1050	9 34	1008	42	13 39	608	8 10	573	35	8 0	958	12 10	942	16	32	·24	0	87·3
15	18 14	1048	11 10	989	59	12 58	625	8 39	571	54	15 30	966	11 39	943	24	70	·52	0	87·3
16	18 58	1046	10 51	988	58	14 7	633	8 35	564	69	6 40 17 10	959	12 31	937	22	86	·64	0	87·3
17	18 13	1045	10 43	998	47	12 30	622	8 0	570	52	6 50	960	12 0	940	20	53	·39	0	87·3
18	19 30	1055	11 43	1012	43	13 45	621	24 0	561	60	22 50	959	11 4	937	22	59	·44	1	87·3
19	6 10	1058	11 10	989	69	13 4	622	1 40	547	75	16 10	957	12 25	939	18	107	·79	1	87·4
20	23 49	1051	11 21	1003	48	13 17	617	8 8	566	51	21 10	960	12 12	939	21	53	·40	0	87·4
21	23 20	1051	11 56	1001	50	14 59	620	9 0	567	53	18 40	957	14 15	941	16	56	·41	0	87·4
22	22 21	1053	11 40	1003	50	14 0	614	9 40	568	46	21 40	956	13 40	940	16	49	·36	1	87·4
23	20 39	1086	12 42	993	93	12 30	621	23 48	548	73	21 40	969	9 10	944	25	146	1·08	1	87·4
24	2 57	1066	2 23	986	80	2 48	631	2 11	520	111	20 45	959	3 40	857	102	291	2·16	2	87·4
25	21 9	1079	11 18	993	86	12 59	612	8 43	564	48	21 0	961	0 38	943	18	100	·74	1	87·4
26	23 10	1046	10 49	997	49	13 35	616	0 40	550	66	17 0	962	12 10	944	18	71	·52	0	87·4
27	21 20	1086	18 43	1000	86	14 0	630	21 10	528	102	19 10	980	21 40	936	44	197	1·46	1	87·5
28	21 3	1080	15 31	1006	74	13 24	616	15 50	562	54	16 11	973	12 30	945	28	92	·68	1	87·5
29	19 28	1041	14 42	998	43	13 39	624	8 4	572	52	2 53	957	12 8	938	19	49	·36	0	87·5
30	23 40	1055	11 42	1003	52	14 0	602	9 13	564	38	20 12	958	11 30	943	15	44	·32	0	87·5
Mean.	—	1063	—	992	71	—	625	—	552	73	—	967	—	933	34	135	—	0·70	87·3
No. of Days used.	—	30	—	30	30	—	30	—	30	30	—	30	—	30	30	30	—	30	30

§ For explanation *see* page 101. Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Table 271–276.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

247. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **October, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1046	1036	1036	1036	1036	1036	1036	1033	1028	1021	1012	1011	1012	1012	1021	1027	1030	1035	1038	1036	1037	1041	1041	1037	1037	1030
2	1036	1036	1035	1035	1032	1035	1036	1034	1026	1017	1007	1006	1007	1016	1022	1027	1031	1035	1037	1037	1038	1037	1036	1036	1036	1029
3	1036	1036	1036	1036	1035	1032	1032	1031	1026	1018	1008	1002	1002	1010	1021	1028	1030	1036	1042	1041	1045	1045	1042	1040	1040	1030
4	1040	1037	1036	1036	1036	1037	1041	1036	1030	1023	1004	999	1001	1006	1013	1019	1019	1026	1036	1028	1028	1036	1040	1046	1041	1027
5	1041	1031	1032	1031	1035	1037	1037	1039	1032	1026	1011	1002	998	997	1006	1021	1026	1026	1028	1036	1041	1033	1035	1036	1040	1026
6	1039	1037	1036	1034	1035	1035	1036	1033	1025	1021	1011	1007	1010	1011	1020	1025	1029	1035	1039	1039	1039	1040	1040	1040	1041	1030
7	1041	1040	1039	1034	1034	1034	1036	1031	1030	1014	1005	1007	1015	1016	1015	1012	1012	1022	1040	1045	1050	1049	1049	1046	1046	1030
8	1046	1039	1035	1036	1038	1044	1035	1030	1024	1016	1007	1009	1008	1011	1016	1021	1031	1036	1041	1039	1035	1031	1035	1032	1040	1029
9	1040	1041	1039	1036	1040	1040	1039	1035	1028	1021	1014	1010	1009	1012	1015	1019	1025	1030	1036	1040	1041	1040	1040	1040	1036	1030
10	1036	1036	1037	1039	1040	1040	1040	1039	1035	1027	1013	1006	1007	1016	1023	1031	1034	1031	1040	1041	1039	1036	1039	1036	1038	1032
11 Q	1037	1034	1035	1034	1034	1034	1031	1034	1030	1030	1018	1010	1009	1014	1018	1021	1029	1033	1034	1038	1030	1034	1038	1038	1038	1029
12 Q	1038	1037	1036	1037	1038	1038	1038	1035	1033	1026	1014	1005	1005	1014	1021	1026	1030	1037	1038	1039	1039	1039	1040	1040	1040	1031
13	1040	1039	1040	1035	1035	1037	1038	1035	1030	1020	1005	1000	1000	1011	1019	1025	1028	1033	1036	1039	1039	1039	1040	1039	1040	1029
14 Q	1040	1039	1038	1038	1039	1039	1039	1034	1028	1018	1005	1001	1004	1009	1014	1020	1026	1034	1038	1040	1043	1042	1042	1041	1040	1030
15	1040	1040	1039	1040	1040	1043	1043	1043	1039	1030	1018	1011	1008	1015	1023	1029	1038	1045	1051	1049	1050	1050	1053	1049	1046	1037
16	1045	1047	1055	1049	1051	1054	1053	1057	1047	1025	1015	1009	1010	1014	1018	1025	1033	1042	1044	1050	1041	1039	1038	1041	1043	**1038**
17	1043	1057	1042	1046	1038	1033	1034	1033	1029	1018	1009	1007	1009	1014	1023	1028	1032	1037	1038	1042	1039	1034	1034	1038	1039	1031
18 D	1039	1038	1038	1039	1051	1043	1047	1047	1037	1019	1007	1005	990	989	986	1012	1018	1025	1029	1033	1029	1037	1033	1032	1032	1026
19	1032	1032	1032	1033	1037	1033	1034	1033	1028	1024	1015	1016	1018	1018	1019	1024	1027	1029	1032	1032	1032	1033	1033	1034	1039	1028
20	1038	1033	1032	1034	1036	1037	1037	1037	1036	1031	1024	1020	1019	1019	1020	1027	1029	1032	1036	1037	1041	1036	1056	1032	1042	1033
21	1042	1032	1028	1027	1027	1042	1047	1042	1037	1020	1013	1010	1017	1020	1022	1022	1016	1014	1016	1018	1028	1036	1037	1034	1035	1027
22	1035	1040	1032	1032	1041	1037	1033	1038	1037	1024	1014	1008	1012	1013	1016	1020	1023	1027	1031	1032	1036	1036	1038	1042	1043	1029
23 D	1043	1066	1042	1027	1037	1021	1059	1037	1019	1022	1012	1008	1007	1012	1013	1021	1040	1031	1034	1022	1017	1030	1084	1020	1017	1030
24 D	1016	1002	1019	1041	1027	1050	1007	970	969	948	952	993	1000	997	998	1006	1013	1018	1023	1025	1021	1023	1035	1026	1014	**1007**
25 D	1014	1021	1021	1026	1016	1021	1025	1026	1028	1017	1007	1000	992	988	997	1010	1017	1022	1021	1024	1023	1024	1023	1023	1025	1016
26	1025	1025	1026	1026	1025	1029	1029	1031	1027	1021	1006	1002	1002	1007	1011	1017	1018	1019	1023	1027	1030	1031	1031	1032	1032	1022
27 D	1032	1035	1032	1035	1036	1036	1036	1035	1027	1019	1009	1007	1011	1016	1019	1024	1024	1020	1016	1016	1030	1041	1025	1037	1042	1026
28	1041	1023	1032	1021	1020	1025	1026	1028	1025	1019	1010	1006	1006	1010	1015	1021	1026	1030	1033	1033	1034	1034	1034	1034	1031	1024
29 Q	1031	1030	1032	1030	1029	1030	1030	1030	1025	1021	1014	1013	1014	1017	1020	1023	1027	1030	1033	1034	1033	1035	1035	1035	1034	1027
30 Q	1034	1034	1034	1034	1035	1037	1036	1034	1029	1023	1011	1009	1011	1016	1020	1023	1026	1030	1034	1035	1036	1040	1040	1040	1035	1029
31	1035	1034	1035	1038	1040	1041	1044	1040	1031	1024	1014	1014	1019	1021	1026	1034	1034	1039	1042	1042	1048	1048	1040	1036	1024	1034
Mean†	1037	1036	1035	1035	1035	1037	1037	1034	1028	1019	1009	**1007**	1007	1011	1016	1022	1026	1030	1034	1035	1036	1037	**1040**	1036	1036	1028

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

248. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **October, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	580	582	583	582	582	582	578	573	567	564	575	585	601	607	606	600	598	592	591	592	591	578	582	581	582	586
2	582	582	582	581	583	581	577	576	568	567	570	582	596	604	605	604	601	596	592	590	587	588	587	585	584	586
3	584	583	582	582	582	581	577	574	568	564	567	576	589	599	605	604	598	594	595	593	592	590	588	586	582	585
4	582	582	583	582	581	581	579	572	567	568	579	594	609	624	623	612	604	593	591	569	573	581	580	570	539	586
5	539	558	572	577	582	584	581	577	571	567	571	582	598	603	604	601	593	592	588	587	586	578	575	566	566	581
6	566	*	—	—	—	—	—	—	—	*	579	586	596	602	604	599	593	581	587	589	590	586	586	586	585	—
7	585	586	578	580	579	578	578	582	580	579	591	592	602	607	613	615	605	599	596	591	592	589	589	587	585	**591**
8	585	581	582	582	581	581	580	573	567	568	575	587	597	603	605	600	594	591	591	590	588	583	574	559	559	583
9	559	565	576	581	576	580	576	572	567	566	574	584	591	594	594	593	589	588	587	581	580	574	574	581	584	580
10	584	585	586	585	585	582	581	576	571	564	570	581	596	605	604	601	594	589	590	587	586	586	581	582	586	585
11 Q	586	582	582	582	582	580	576	576	572	572	571	582	598	609	613	606	599	588	588	589	584	582	582	587	586	586
12 Q	586	586	583	582	581	581	580	576	569	563	568	578	592	602	607	600	593	590	590	589	587	586	586	586	586	585
13	586	588	587	582	582	581	580	575	567	563	572	588	595	604	602	597	592	589	588	586	586	585	586	584	582	585
14 Q	582	582	582	582	582	581	580	576	567	563	567	579	594	602	605	600	593	583	590	588	586	585	585	583	582	584
15	582	582	582	585	586	585	581	578	571	567	574	585	593	604	607	605	601	596	599	595	591	589	589	585	581	588
16	581	587	582	579	584	584	584	582	572	567	570	586	601	606	607	604	598	596	595	594	587	580	585	582	583	587
17	583	574	564	558	560	576	577	574	567	563	570	581	593	601	605	599	594	593	591	588	582	578	572	578	585	580
18 D	585	581	581	597	580	580	585	574	572	569	580	600	610	626	618	602	597	588	588	586	583	574	575	582	581	588
19	580	575	581	582	574	576	577	575	572	572	578	589	599	599	593	590	587	588	586	585	582	583	581	577	586	583
20	586	582	581	581	582	581	581	579	575	570	577	583	590	595	592	588	588	587	588	586	585	581	566	570	571	582
21	571	575	576	581	583	583	578	573	572	567	577	590	596	604	593	594	590	583	579	578	581	575	573	580	578	581
22	578	581	571	583	575	574	581	576	577	572	577	586	592	599	596	590	584	582	581	581	582	581	584	584	584	582
23 D	584	570	542	571	573	611	614	611	567	562	569	578	586	597	598	589	590	600	606	620	605	585	525	508	503	580
24 D	503	507	505	519	566	606	605	624	602	574	614	581	591	594	592	584	579	581	584	582	582	578	527	528	536	**572**
25 D	536	535	552	569	586	626	605	590	582	577	573	585	593	599	597	589	575	568	576	574	574	577	577	576	577	580
26	577	577	581	580	582	578	576	574	567	567	570	580	588	590	590	584	579	577	579	581	581	580	580	581	581	579
27 D	581	581	581	581	581	581	581	576	570	567	571	583	593	600	597	593	589	598	592	584	578	542	557	565	537	579
28	537	551	566	567	576	574	571	571	565	563	568	580	591	593	594	589	587	587	584	581	580	579	577	576	576	576
29 Q	576	577	577	581	581	581	577	576	571	567	574	584	590	596	593	589	587	587	582	581	577	575	576	576	577	581
30 Q	577	580	581	582	582	581	581	576	572	567	570	583	590	595	597	592	591	588	582	581	580	580	575	572	575	581
31	575	574	579	576	580	580	579	576	571	568	579	593	599	600	598	595	593	592	590	588	588	578	549	554	572	581
Mean†	574	574	575	578	580	584	582	579	572	**568**	575	585	595	**602**	602	597	592	589	589	587	585	580	575	574	573	583

* Light failed. † Mean of 30 days; 6th omitted.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

249. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **October, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	948	951	951	953	955	955	955	955	952	951	947	944	943	944	944	948	955	956	956	956	956	955	955	955	955	952
2	955	956	956	956	955	955	953	953	954	951	948	947	944	947	948	952	955	956	955	955	955	954	955	955	955	953
3	955	955	955	955	955	955	955	955	955	955	952	950	948	948	948	948	953	955	953	954	952	951	952	952	953	953
4	953	952	952	953	954	954	955	957	957	954	951	948	948	950	952	957	964	966	965	969	968	963	960	953	946	**956**
5	946	944	946	950	951	952	952	954	955	955	953	951	947	947	951	957	963	963	963	960	959	960	957	956	952	954
6	952	951	951	951	951	952	952	954	954	952	948	947	947	947	951	952	955	956	956	954	953	953	952	952	951	952
7	951	948	948	949	951	951	951	952	951	948	951	947	947	946	943	948	955	954	952	952	951	951	951	951	951	950
8	951	951	951	950	950	948	951	953	956	955	951	950	951	948	947	948	952	953	952	955	956	959	958	959	952	952
9	952	947	947	949	951	951	951	952	955	952	947	944	943	944	947	948	951	951	951	951	951	952	952	951	951	950
10	951	951	951	948	948	948	948	948	951	951	951	949	943	944	946	948	951	951	951	951	951	952	952	953	952	949
11 Q	952	951	951	951	951	949	950	948	948	948	947	944	942	940	944	951	955	955	952	952	955	955	954	952	951	950
12 Q	951	951	951	951	951	951	951	951	951	951	947	946	944	942	943	947	951	951	948	948	948	950	951	951	951	949
13	951	951	947	948	948	948	948	951	952	953	951	946	944	943	947	951	952	951	951	949	948	948	949	951	951	949
14 Q	951	951	951	951	951	950	950	951	951	948	946	943	943	943	944	949	951	951	950	950	950	951	951	951	951	949
15	951	951	951	950	948	948	947	947	948	948	945	939	937	940	943	945	947	946	944	944	944	944	944	946	947	946
16	947	944	940	941	941	940	941	941	943	943	940	939	941	946	947	951	948	947	947	947	948	948	948	948	948	944
17	948	940	939	936	939	940	943	947	951	952	951	946	944	944	947	951	951	951	948	950	951	951	952	951	948	947
18 D	948	948	949	944	935	939	940	944	947	951	946	944	948	952	959	961	963	960	956	955	956	955	955	952	951	950
19	951	951	951	947	947	947	947	948	950	949	944	940	943	947	948	951	952	951	951	951	951	951	951	951	947	949
20	947	943	946	947	947	947	947	947	948	944	942	940	939	943	944	947	951	949	948	948	948	950	947	947	944	946
21	944	943	943	943	943	940	942	943	947	947	943	940	939	942	947	951	956	961	964	965	960	956	952	951	949	949
22	949	942	939	939	939	943	943	947	948	951	951	947	947	947	951	955	956	955	952	952	951	951	951	948	946	948
23 D	946	925	926	927	930	926	914	922	938	941	943	943	944	944	946	950	951	954	956	961	976	973	964	935	915	943
24 D	915	910	900	893	874	853	868	893	913	939	948	955	952	951	953	956	956	956	955	952	955	955	953	946	936	**930**
25 D	936	935	935	932	927	915	918	924	934	939	943	944	948	952	956	960	963	962	956	956	956	953	954	954	953	944
26	953	952	951	951	951	951	951	951	953	953	952	950	952	955	956	957	957	956	956	955	955	952	952	951	951	953
27 D	951	951	951	951	949	948	948	950	954	955	951	948	950	951	955	956	956	956	961	964	964	966	960	951	946	954
28	946	943	935	943	947	948	950	951	951	951	951	951	948	948	952	955	955	955	952	952	951	951	951	951	951	949
29 Q	951	951	951	950	948	948	948	948	948	947	942	939	941	943	948	953	953	951	951	949	949	948	948	948	948	948
30 Q	948	947	947	947	947	947	947	947	947	946	939	935	938	943	948	951	951	948	948	948	947	946	947	947	948	946
31	948	948	946	944	944	944	944	944	945	942	939	939	943	944	947	947	947	947	946	946	944	944	948	954	951	945
Mean†	948	946	945	945	944	**943**	944	946	948	949	947	945	945	946	948	952	**954**	954	953	953	954	953	952	951	948	949

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

250. Eskdalemuir. **October, 1924.**

Day.	Terrestrial Magnetic Force.												Character Figures.§		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	North Component.					West Component.					Vertical Component.					
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	ΣR^2	ρ		
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	$100\gamma^2$			a
1	20 32	1056	1008	12 39	48	13 23	612	563	8 53	49	17 0 / 19 12 / 20 0	956	942	11 40	14	49	·53	0	87·4
2	17 30	1041	1003	10 58	38	13 41	610	564	8 35	46	3 46	956	944	12 3	12	37	·40	0	87·4
3	23 39	1049	998	11 24	51	14 52	609	563	9 3	46	7 0	956	947	12 20	9	48	·52	0	87·4
4	23 52	1050	989	10 51	61	13 34	629	537	24 0	92	19 10	972	943	24 0	29	130	1·42	1	87·4
5	19 40	1050	993	12 48	57	14 6	607	535	0 7	72	16 30	964	943	0 1	21	89	·97	1	87·4
6	17 43	1045	1006	10 50	39	13 54	605	572	17 18	33	17 33	958	945	12 30	13	28	·30	0	87·4
7	19 57	1062	996	15 1	66	14 59	629	568	8 8	61	15 43	956	941	14 0	15	83	·90	1	87·4
8	18 27	1048	1005	10 20	43	14 5	612	555	23 33	57	22 41	960	947	14 30	13	53	·57	0	87·3
9	0 40	1049	1005	11 34	44	14 30	595	558	0 20	37	8 16	955	942	11 28	13	35	·38	0	87·3
10	18 34	1044	1005	11 55	39	13 12	610	562	8 43	48	22 20	954	942	13 0	12	40	·43	0	87·3
11	19 25	1043	1006	12 0	37	13 28	617	569	10 4	48	20 10	956	939	12 40	17	40	·43	0	87·3
12	23 2	1043	1002	11 2	41	14 10	609	563	9 28	46	0 30	952	940	13 15	12	39	·43	0	87·3
13	0 12	1044	995	11 32	49	13 1	607	562	8 20	45	8 40	955	943	13 0	12	46	·50	0	87·3
14	20 3	1044	1000	11 10	44	13 23	606	558	9 25	48	16 0	952	942	12 20	10	43	·47	0	87·3
15	19 32	1063	1001	11 16	62	14 35	611	561	9 28	50	1 10	951	936	11 34	15	66	·72	1	87·3
16	6 52	1062	1007	10 25	55	13 30	612	563	8 30	49	21 10	951	939	11 28	12	56	·61	1	87·2
17	0 52	1063	1004	10 23	59	13 40	607	553	3 40	54	21 40	953	935	3 10	18	67	·73	1	87·2
18	3 47	1061	974	14 3	87	13 43	642	568	9 3	74	16 0	964	934	3 49	30	139	1·52	1	87·2
19	23 29	1043	1013	10 20	30	12 40	601	567	9 12	34	15 50	952	939	11 6	13	22	·24	0	87·2
20	22 11	1078	1017	15 53	61	13 39	602	554	22 3	48	21 30	951	939	12 0	12	62	·67	1	87·2
21	5 56	1051	1007	15 43	44	13 44	610	561	9 2	49	18 45	966	939	12 0	27	51	·55	1	87·2
22	22 40	1048	1003	10 50	45	12 43	602	568	9 8	34	15 40	956	939	1 40	17	35	·38	0	87·2
23	22 3	1105	987	4 43	118	18 47	631	486	21 58	145	20 3 / 20 19	976	914	6 0	62	388	4·23	2	87·2
24	22 27	1086	905	9 39	181	4 43	636	473	22 18	163	15 51	958	851	4 52	107	708	7·71	2	87·1
25	5 30	1050	985	12 51	65	5 5	637	530	1 15	107	16 40	964	910	5 18	54	186	2·03	1	87·1
26	23 23	1040	997	12 12	43	13 4	592	565	9 6	27	14 32	958	948	11 10	10	27	·29	0	87·2
27	21 10	1056	1001	18 48	55	12 26	605	523	21 0	82	21 3	968	946	14 0	22	102	1·11	1	87·1
28	0 1	1041	1004	11 30	37	13 31	600	530	0 28	70	15 20	956	935	2 0	21	67	·73	1	87·1
29	21 1	1037	1010	11 11	27	13 10	600	567	8 50	33	15 22	955	939	11 0	16	21	·23	0	87·1
30	21 0	1045	1006	11 0	39	13 53	599	566	8 45	33	15 20	952	934	11 12	18	29	·32	0	87·0
31	21 2	1059	1011	10 40	48	12 46	604	545	22 29	59	23 0	955	939	10 30	16	60	·66	1	87·1
Mean.	—	1053	998	—	55	—	611	552	—	59	—	958	936	—	22	92	—	0·55	87·2
No. of Days used.	—	31	31	—	31	—	31	31	—	31	—	31	31	—	31	31	—	31	31

† Mean of 30 days; 6th omitted. § For explanation *see* page 101.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

251. Eskdalemuir. (X.) **November, 1924.**

15,000 γ (·15 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	1024	1026	1026	1029	1033	1034	1034	1030	1028	1021	1014	1011	1016	1025	1029	1030	1031	1037	1040	1041	1041	1035	1010	1013	1018	1027
2	1017	1018	1027	1021	1025	1032	1025	1025	1024	1020	1013	1013	1014	1016	1022	1023	1014	1014	1020	1020	1019	1023	1028	1027	1047	1021
3	1047	1039	1024	1023	1027	1029	1034	1033	1030	1022	1013	1009	1009	1011	1013	1010	1015	1028	1027	1022	1020	1019	1028	1033	1038	1023
4	1038	1032	1028	1029	1033	1033	1029	1029	1025	1023	1016	1014	1018	1021	1024	1024	1025	1025	1029	1031	1031	1028	1028	1029	1029	1027
5Q	1028	1029	1031	1032	1032	1033	1036	1032	1030	1024	1017	1013	1012	1016	1018	1026	1032	1033	1036	1036	1035	1035	1037	1035	1034	1029
6	1034	1033	1033	1037	1041	1043	1046	1042	1041	1038	1027	1027	1022	1024	1030	1032	1032	1037	1038	1042	1041	1029	1028	1014	1020	1034
7	1020	1022	1021	1028	1033	1038	1042	1037	1031	1026	1013	1016	1022	1019	1019	1022	1027	1031	1032	1033	1033	1032	1032	1032	1031	1028
8Q	1031	1028	1028	1032	1032	1033	1033	1032	1028	1023	1018	1016	1018	1022	1025	1028	1031	1033	1037	1036	1033	1034	1033	1032	1032	1029
9	1031	1028	1031	1032	1035	1036	1036	1037	1041	1032	1022	1026	1024	1023	1024	1029	1031	1033	1032	1022	1026	1035	1040	1031	1027	1031
10	1027	1031	1027	1028	1032	1035	1037	1037	1031	1026	1014	1007	1006	1017	1021	1021	1026	1027	1023	1035	1019	1025	1021	1026	1028	1025
11	1028	1034	1026	1029	1022	1025	1035	1032	1030	1022	1015	1012	1012	1017	1022	1022	1021	1021	1022	1023	1032	1022	1027	1031	1031	1024
12	1031	1029	1031	1031	1032	1034	1040	1037	1036	1027	1022	1017	1016	1018	1022	1023	1026	1031	1032	1029	1030	1028	1032	1036	1032	1029
13D	1031	1028	1024	1025	1026	1036	1043	1033	1035	1030	1016	1020	1020	1020	1019	1012	1016	1026	1029	1034	1041	1035	1028	1023	1027	1027
14	1027	1012	1022	1017	1022	1025	1030	1033	1030	1022	1017	1015	1016	1017	1017	1017	1021	1021	1024	1030	1030	1031	1030	1031	1031	1023
15	1031	1028	1026	1026	1026	1030	1032	1031	1030	1025	1021	1018	*	—	—	—	—	—	—	—	—	—	—	—	*	—
16	*	—	—	—	—	—	—	—	—	—	*	1018	1017	1016	1021	1026	1030	1035	1031	1035	1032	1032	1031	1030	1031	—
17Q	1030	1029	1029	1029	1034	1039	1043	1043	1029	1030	1021	1015	1014	1015	1019	1021	1024	1033	1032	1034	1034	1034	1034	1034	1032	1029
18Q	1032	1031	1030	1035	1034	1037	1038	1036	1034	1030	1024	1020	1020	1023	1026	1030	1034	1035	1038	1037	1035	1035	1034	1034	1034	1032
19D	1034	1034	1034	1035	1038	1038	1038	1038	1038	1034	1038	1038	1039	1039	1010	986	991	1004	1022	1023	1024	1022	1030	1030	1029	1027
20	1029	1023	1024	1025	1026	1029	1029	1029	1029	1026	1020	1019	1015	1016	1012	1021	1027	1030	1029	1029	1031	1032	1033	1033	1034	1026
21	1034	1030	1029	1029	1030	1035	1038	1033	1025	1024	1020	1016	1019	1024	1029	1033	1027	1029	1025	1024	1038	1033	1031	1031	1030	1029
22	1029	1028	1028	1034	1033	1034	1037	1034	1031	1024	1019	1015	1014	1016	1023	1027	1024	1028	1029	1029	1030	1026	1033	1033	1033	1028
23	1033	1029	1030	1031	1032	1033	1037	1037	1029	1028	1023	1020	1019	1024	1028	1033	1033	1037	1035	1035	1037	1038	1034	1034	1033	1031
24D	1033	1033	1034	1034	1037	1038	1042	1037	1033	1027	1023	1019	1004	985	990	1003	974	984	997	997	965	995	1000	1018	009	**1011**
25	1009	1009	1008	1003	1008	1010	1009	1009	1009	1009	1005	1004	1001	1004	1012	1015	1020	1022	1023	1023	1020	1022	1022	1022	1025	1013
26D	1024	1023	1023	1028	1023	1027	1028	1027	1028	1026	1018	1018	1020	1022	1022	1024	1030	1032	1034	1038	1035	1025	1028	1023	1027	1026
27	1027	1027	1028	1026	1032	1036	1037	1037	1036	1032	1033	1032	1027	1024	1023	1023	1026	1033	1033	1032	1033	1032	1028	1028	1032	1030
28	1032	1027	1033	1037	1041	1045	1050	1047	1045	1047	1038	1023	1027	1028	1032	1034	1038	1040	1039	1034	1038	1039	1037	1037	1036	**1037**
29	1036	1032	1028	1029	1032	1027	1027	1031	1036	1028	1024	1023	1021	1019	1018	1017	1023	1033	1032	1032	1032	1032	1031	1028	1027	1028
30Q	1027	1028	1029	1032	1032	1033	1036	1036	1033	1032	1028	1022	1022	1020	1019	1022	1026	1028	1031	1032	1032	1032	1032	1032	1030	1029
Mean†	1029	1028	1027	1029	1031	1033	**1035**	1034	1031	1027	1020	1018	**1017**	1019	1020	1022	1023	1027	1029	1029	1029	1029	1029	1029	1030	1027

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

252. Eskdalemuir. (—Y.) **November, 1924.**

4,000 γ (·04 C.G.S. unit) +

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	572	572	576	578	580	576	580	576	574	572	578	585	594	598	597	592	588	589	590	587	584	575	539	528	526	577
2	526	546	570	574	576	573	575	575	573	574	578	587	594	595	595	588	584	584	584	582	572	562	572	571	568	576
3	568	567	561	576	581	582	581	577	575	568	573	582	593	601	596	595	594	587	583	577	572	567	576	576	576	580
4	576	577	574	578	575	575	576	576	572	573	583	589	593	589	588	582	577	578	576	570	571	571	576	576	577	578
5Q	577	577	579	580	579	581	580	576	576	574	579	588	592	590	584	581	581	581	581	581	579	577	576	577	579	580
6	578	579	580	579	584	583	584	583	584	574	585	593	591	589	586	581	581	584	583	582	584	565	534	545	553	578
7	553	547	550	558	563	562	567	573	579	576	583	591	594	592	590	583	581	579	579	579	579	577	576	575	575	575
8Q	575	576	577	576	577	579	575	574	575	573	578	584	589	591	587	584	583	584	580	580	580	580	579	579	577	580
9	577	579	579	576	576	579	575	574	573	574	575	587	598	593	589	586	585	584	580	568	570	566	557	560	576	577
10	576	579	581	580	574	574	573	572	569	569	572	578	583	593	594	592	588	586	583	560	572	565	553	554	555	575
11	555	553	564	574	576	581	576	574	571	571	571	578	589	592	591	586	583	588	581	583	579	567	570	569	574	576
12	574	575	576	579	579	580	579	574	580	570	574	582	587	589	587	582	582	580	574	574	574	570	572	573	567	578
13D	567	571	576	574	573	571	569	572	571	570	573	575	588	589	592	594	592	590	587	580	561	553	557	538	516	573
14	516	543	561	566	566	570	575	575	572	570	572	579	588	588	588	587	586	582	578	575	575	574	575	573	573	573
15	573	572	570	574	575	579	579	575	574	570	576	587	*	—	—	—	—	—	—	—	—	—	—	—	*	—
16	*	—	—	—	—	—	—	—	—	—	*	582	587	585	589	586	587	585	580	580	579	575	570	571	574	—
17Q	573	573	573	575	574	573	575	577	580	576	580	582	583	587	587	585	582	583	580	579	575	576	574	574	574	578
18Q	574	574	576	584	579	578	578	575	574	574	577	582	587	588	585	585	584	583	578	578	578	578	576	578	576	579
19D	576	575	579	579	578	578	577	578	578	574	583	588	593	601	605	621	607	585	577	575	574	566	544	563	559	581
20	559	572	580	576	579	574	574	574	574	571	575	582	583	588	585	582	584	581	580	580	578	577	575	575	574	578
21	574	576	577	579	579	576	573	573	573	572	575	581	586	591	587	585	581	579	580	576	562	578	575	572	573	577
22	573	573	576	580	578	574	574	578	574	570	571	581	588	592	591	586	586	584	580	578	573	570	569	563	567	577
23	567	570	574	574	579	579	577	573	571	572	573	577	581	586	585	582	581	579	579	578	576	574	574	573	573	577
24D	573	574	578	579	578	577	576	573	573	571	576	586	590	604	600	628	598	593	632	622	579	547	559	560	524	**583**
25	524	545	559	557	557	561	561	562	566	562	563	572	575	583	583	581	575	571	570	570	570	570	570	570	570	**567**
26D	569	572	574	577	574	573	573	569	568	565	571	576	581	581	580	579	579	578	575	575	574	552	554	558	569	572
27	569	575	579	576	578	578	577	572	570	567	567	572	580	580	579	575	574	577	577	572	571	568	567	569	572	574
28	572	571	578	582	583	583	581	580	576	576	577	575	584	584	583	583	583	582	582	577	576	572	571	571	572	578
29	572	568	570	573	568	568	565	567	572	570	570	569	576	580	585	581	580	578	573	572	569	568	567	568	568	572
30Q	568	569	571	572	572	572	572	572	570	567	568	570	574	579	579	579	578	574	573	568	569	572	570	569	570	572
Mean†	**565**	569	573	575	576	575	575	574	574	571	575	581	587	**590**	589	587	584	582	581	578	574	569	566	566	**565**	577

* Clock string broken. † Mean of 28 days; 15th and 16th omitted.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

253. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **November, 1924.**

Hour. G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1D	951	950	947	947	947	947	946	946	945	946	942	941	940	941	942	945	946	944	944	942	943	946	958	955	947	946
2	947	941	939	943	946	946	946	946	945	944	942	942	942	942	947	950	952	954	951	952	954	955	951	948	939	947
3	939	931	932	935	941	943	946	946	947	949	946	942	942	946	952	955	952	951	951	951	955	956	952	948	943	946
4	943	942	940	940	941	942	943	946	946	944	942	942	943	946	947	950	950	950	947	950	948	949	947	946	946	945
5Q	946	946	946	945	945	945	946	946	946	946	940	939	941	942	946	947	947	947	946	946	946	946	946	945	944	945
6	944	943	942	942	942	941	940	942	942	942	938	938	939	941	942	943	945	946	946	944	943	951	954	951	947	943
7	947	947	947	944	942	942	939	939	939	942	942	942	942	946	947	950	950	948	947	947	947	947	947	947	947	945
8Q	947	946	945	945	944	943	943	944	946	947	947	947	947	948	949	948	946	946	946	945	945	946	946	947	947	946
9	947	947	946	945	944	943	943	942	942	942	942	939	939	942	946	947	947	947	947	951	951	948	939	942	942	944
10	942	942	942	942	942	942	942	942	943	946	943	942	943	945	946	947	947	947	950	951	951	951	954	952	949	946
11	949	943	942	940	942	942	942	942	942	942	940	942	944	946	947	948	950	948	947	948	947	950	950	947	947	945
12	947	946	944	943	943	943	942	942	939	942	940	942	946	947	950	950	948	947	947	947	947	947	947	943	942	945
13D	942	942	942	942	942	939	938	939	939	940	940	939	942	943	946	951	954	951	951	948	950	947	947	946	938	944
14	938	921	927	939	942	942	942	941	940	941	937	937	938	942	942	946	946	947	946	945	943	942	942	942	942	940
15	942	942	942	943	942	942	942	942	942	943	942	940	*	—	—	—	—	—	—	—	—	—	—	—	*	—
16	*	—	—	—	—	—	—	—	—	—	*	942	940	942	946	947	946	946	947	946	946	946	946	946	943	—
17Q	943	943	943	943	942	942	942	942	939	938	938	937	938	939	942	943	946	945	943	943	943	943	942	942	942	942
18Q	942	942	942	939	938	939	939	939	938	938	935	937	939	941	942	942	942	942	942	941	940	940	939	939	939	940
19D	939	939	938	938	938	939	939	938	938	938	938	934	934	935	952	964	970	977	964	958	954	952	955	947	944	947
20	945	943	941	943	943	944	945	944	943	943	939	939	943	944	947	947	947	947	947	947	945	945	944	943	943	944
21	943	943	943	943	943	943	943	943	943	943	940	939	939	941	943	944	946	948	948	948	949	944	943	943	943	944
22	943	943	940	936	936	936	938	938	939	941	939	936	939	943	944	943	943	943	943	943	943	944	944	943	941	941
23	941	940	939	939	939	939	939	939	939	939	939	939	939	940	940	940	939	939	939	939	939	939	939	939	939	939
24D	939	939	938	936	936	936	935	935	935	935	935	936	939	944	955	969	1042	1034	1008	1038	1043	1011	990	968	931	965
25	932	949	952	952	952	949	949	949	949	949	948	949	949	952	952	952	950	949	949	949	949	949	949	949	949	949
26D	949	947	945	944	944	944	944	944	944	944	942	941	941	942	944	948	945	944	941	940	941	946	944	944	942	944
27	942	940	940	940	940	939	937	937	937	937	932	933	937	940	944	944	944	942	941	941	940	940	941	940	940	939
28	940	941	940	938	937	936	936	936	933	932	932	934	935	936	937	939	937	937	937	940	939	937	939	937	938	937
29	938	938	940	937	937	937	936	936	932	932	932	933	936	940	942	944	945	942	941	940	940	940	939	940	940	938
30Q	940	940	940	940	940	939	937	937	936	936	933	934	933	936	937	940	940	940	940	940	940	937	937	937	937	938
Mean†	943	942	941	941	942	941	941	941	941	941	939	939	940	943	945	948	951	950	948	949	949	948	947	945	942	944

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

254. Eskdalemuir. **November, 1924.**

Day.	Terrestrial Magnetic Force.																		Character Figures.§		Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +.
	North Component.						West Component.						Vertical Component.									
	Maximum 15,000 γ +		Minimum 15,000 γ +		Range.		Maximum 4,000 γ +		Minimum 4,000 γ +		Range.		Maximum 44,000 γ +		Minimum 44,000 γ +		Range.		ΣR²	ρ		
	h. m.	γ	γ	h. m.	γ		h. m.	γ	γ	h. m.	γ		h. m.	γ	γ	h. m.	γ		100γ²			a
1	18 31	1048	981	0 19	67		12 40	603	516	23 21	87		22 27	959	939	11 25	20		125	1·75	1	87·0
2	23 47	1065	1009	16 50	56		13 51	599	518	0 11	81		20 43	957	938	24 0	19		101	1·41	1	86·9
3	0 1	1050	1005	14 59	45		12 38	605	553	1 40	52		21 50	958	930	1 20	28		55	0·77	1	86·9
4	0 10	1042	1013	11 10	29		12 17	595	566	21 15	29		21 20	950	938	1 35	12		18	0·26	0	86·9
5	22 22	1041	1012	11 50	29		12 20	594	572	8 37	22		14 56	949	938	11 0	11		14	0·20	0	86·9
6	5 32 19 40	1047	1007	22 49	40		10 52	601	520	21 35	81		21 31	955	938	10 16	17		85	1·18	1	86·9
7	5 58	1044	1009	10 43	35		12 10	597	540	0 20	57		15 30	951	938	6 18	13		46	0·65	1	86·9
8	18 52	1038	1013	10 51	25		12 58	592	571	8 45	21		14 30	949	938	6 15	11		12	0·17	0	86·9
9	21 20	1066	1012	12 26	54		12 13	609	554	22 40	55		19 10	951	938	11 50	13		61	0·86	1	86·9
10	19 5	1050	997	11 46	53		13 40	599	547	21 50	52		22 0	955	942	0 1	13		57	0·80	1	86·9
11	20 10	1046	1011	11 12	35		13 30	593	549	1 15	44		19 20	951	939	3 15	12		33	0·46	0	86·9
12	6 2	1041	1015	11 11	26		13 13	590	564	23 55	26		14 50	951	939	8 0	12		15	0·21	0	86·9
13	20 15	1049	999	15 25	50		15 6	599	512	23 59	87		15 45	955	937	6 1	18		104	1·46	1	86·9
14	6 53	1039	999	1 0	40		12 10	591	506	0 25	85		17 0	947	918	1 3	29		97	1·35	1	86·8
15	*	*	1017	11 3	*		10 58	588	567	1 59	21		*	*	939	11 2	*		—	—	0	86·8
16	20 57	1036	1014	12 42	22		13 0	598	567	22 54	31		18 20	947	939	11 55	8		15	0·21	0	86·7
17	5 48	1044	1013	11 40	31		14 21	590	570	2 0	20		16 0	947	936	11 18	11		15	0·21	0	86·7
18	6 0	1038	1010	11 36	28		2 42	591	573	9 20	18		0 1	942	935	10 20	7		12	0·16	0	86·7
19	10 10	1049	965	14 57	84		14 43	647	535	22 0	112		16 38	980	932	12 40	48		219	3·07	1	86·7
20	24 0	1034	1009	14 10	25		13 17	592	558	0 1	34		14 10	948	937	11 0	11		19	0·27	0	86·7
21	19 51	1044	1009	19 27	35		13 13	592	542	19 35	50		19 45	952	939	11 0	13		39	0·55	0	86·7
22	23 30	1042	1013	11 42	29		13 16	594	558	23 25	36		20 55	945	936	4 35	9		22	0·31	0	86·5
23	21 10	1043	1018	11 20	25		13 31	587	564	0 28	23		14 30	940	938	5 30	2		12	0·16	0	86·5
24	23 7	1095	935	23 45	160		15 18	644	501	23 50	143		16 19	1071	911	23 40	160		716	10·05	2	86·5
25	0 1	1033	998	3 21	35		14 15	584	521	0 20	63		3 0 13 40	953	936	0 1	17		55	0·77	1	86·5
26	21 58	1051	1013	10 42	38		12 39	585	520	21 20	65		21 38	952	940	19 30	12		58	0·82	1	86·5
27	6 30	1038	1018	13 32	20		12 30	589	567	9 3 9 58	22		16 0	944	931	10 40	13		11	0·15	0	86·5
28	15 53	1061	1018	10 46	43		15 51	596	569	0 53	27		1 0	941	929	10 20	12		27	0.38	0	86·5
29	7 48	1043	1009	15 21	34		14 14	586	562	10 12	24		15 32	946	932	10 1	14		19	0·27	0	86·4
30	6 3	1037	1019	13 55	18		13 31	584	566	18 58	18		16 20	941	932	12 0	9		7	0·10	0	86·3
Mean	—	1047	1005	—	42		—	597	548	—	50		—	955	935	—	20		71	—	0·47	86·7
No. of days used.	—	29	30	—	29		—	30	30	—	30		—	29	30	—	29		29	—	30	30

† Mean of 28 days; 15th and 16th omitted. § For explanation *see* page 101. * Clock string broken.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

TERRESTRIAL MAGNETIC FORCE: NORTH COMPONENT.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

255. Eskdalemuir. (X.) 15,000 γ (·15 C.G.S. unit) + **December, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1029	1030	1030	1031	1032	1035	1036	1036	1036	1035	1031	1030	1027	1026	1022	1026	1031	1031	1031	1030	1026	1032	1031	1030	1030	1031
2	1030	1033	1030	1030	1031	1032	1035	1032	1031	1032	1032	1034	1030	1027	1024	1021	1021	1018	1016	1022	1028	1028	1027	1030	1031	1028
3	1031	1030	1031	1031	1032	1034	1035	1034	1030	1026	1025	1026	1028	1030	1027	1026	1026	1031	1035	1031	1035	1036	1035	1032	1040	1031
4	1040	1030	1026	1027	1030	1035	1040	1036	1032	1031	1032	1031	1031	1031	1031	1032	1035	1036	1037	1037	1036	1036	1035	1035	1035	1033
5 Q	1035	1031	1031	1033	1035	1036	1036	1036	1039	1036	1031	1030	1027	1031	1032	1032	1034	1035	1036	1037	1036	1036	1036	1034	1032	1034
6 Q	1031	1030	1030	1031	1034	1035	1035	1035	1035	1035	1035	1035	1038	1040	1039	1038	1038	1039	1041	1042	1040	1036	1036	1035	1035	**1036**
7	1035	1035	1035	1036	1039	1040	1040	1039	1035	1034	1031	1034	1034	1039	1044	1039	1035	1030	1005	1010	1024	1030	1034	1031	1031	1033
8	1031	1030	1026	1030	1026	1038	1038	1039	1040	1035	1029	1026	1028	1029	1026	1020	1015	1016	1019	1024	1030	1036	1034	1028	1024	1029
9	1024	1025	1029	1030	1035	1035	1035	1039	1035	1029	1020	1017	1021	1025	1030	1030	1030	1031	1035	1035	1035	1033	1033	1030	1030	1030
10	1029	1030	1032	1033	1034	1036	1036	1035	1034	1024	1025	1024	1025	1028	1034	1034	1034	1035	1036	1037	1038	1035	1034	1033	1033	1032
11	1033	1032	1033	1033	1034	1034	1038	1038	1035	1029	1024	1020	1023	1025	1029	1034	1034	1036	1037	1037	1035	1034	1034	1043	1063	1033
12 D	1063	1025	1017	1031	1020	1033	1035	1037	1029	1033	1019	1011	1020	1025	1028	1033	1029	1029	1028	1034	1029	1035	1030	1024	1034	1028
13 D	1034	1030	1023	1020	1028	1041	1042	1033	1029	1025	1019	1018	1018	1021	1025	1029	1029	1031	1033	1033	1033	1033	1030	1030	1035	1029
14	1035	1026	1028	1028	1028	1033	1034	1034	1034	1030	1023	1020	1019	1020	1023	1025	1029	1033	1034	1034	1034	1030	1034	1033	1033	1029
15	1032	1030	1030	1031	1030	1033	1037	1037	1036	1033	1032	1028	1024	1024	1028	1029	1032	1033	1029	1022	1012	1014	1022	1024	1029	1028
16 Q	1029	1028	1024	1024	1026	1027	1028	1028	1028	1027	1022	1019	1018	1020	1024	1027	1028	1028	1029	1029	1029	1032	1033	1033	1032	1027
17	1032	1029	1028	1028	1028	1032	1033	1033	1033	1029	1028	1028	1029	1028	1029	1028	1032	1033	1037	1034	1034	1041	1027	1027	1024	1031
18	1023	1031	1027	1028	1031	1027	1031	1033	1032	1030	1026	1023	1025	1027	1030	1031	1031	1032	1035	1037	1040	1040	1035	1033	1032	1031
19	1032	1026	1028	1027	1029	1031	1031	1032	1036	1035	1031	1030	1027	1029	1029	1032	1033	1033	1035	1031	1028	1031	1034	1032	1031	1031
20 D	1031	1028	1032	1031	1033	1041	1033	1039	1041	1027	1027	1026	1026	1028	1033	1035	1037	1036	1041	1023	1035	1033	1027	1023	1018	1032
21 D	1018	1017	1022	1017	1023	1035	1029	1033	1026	1018	1012	1006	1002	1007	1019	1021	1023	1022	1026	1032	1028	1032	1032	1032	1027	**1022**
22	1027	1027	1027	1027	1028	1032	1031	1032	1031	1030	1025	1023	1022	1022	1018	1023	1026	1031	1035	1036	1032	1032	1032	1032	1031	1028
23 D	1030	1025	1035	1025	1025	1027	1030	1030	1030	1026	1015	996	1017	1016	1015	1020	1025	1026	1026	1030	1030	1026	1032	1022	1026	1024
24	1026	1025	1025	1023	1022	1025	1031	1025	1022	1025	1026	1021	1020	1020	1022	1023	1022	1022	1022	1025	1026	1033	1027	1026	1030	1024
25	1030	1030	1026	1027	1030	1027	1031	1032	1032	1030	1023	1021	1020	1025	1030	1031	1030	1030	1031	1031	1032	1031	1032	1031	1031	1029
26	1031	1030	1030	1030	1031	1032	1035	1032	1035	1030	1026	1026	1025	1026	1031	1030	1021	1021	1025	1029	1030	1030	1031	1030	1030	1029
27	1030	1027	1027	1030	1031	1035	1035	1034	1034	1034	1031	1020	1012	1016	1021	1022	1026	1031	1031	1034	1031	1031	1026	1032	1031	1028
28	1030	1032	1031	1030	1034	1038	1044	1042	1036	1030	1029	1027	1029	1029	1030	1029	1026	1029	1029	1030	1033	1033	1031	1030	1029	1032
29 Q	1029	1029	1028	1029	1030	1034	1034	1034	1035	1034	1030	1027	1028	1029	1025	1025	1025	1029	1030	1030	1029	1030	1030	1029	1029	1030
30 Q	1029	1029	1030	1031	1033	1032	1034	1031	1029	1026	1024	1024	1024	1025	1026	1025	1025	1026	1030	1030	1031	1031	1031	1031	1030	1029
31	1030	1031	1033	1034	1034	1039	1040	1044	1041	1034	*	*	*	*	*	*	*	*	1031	1034	1033	1033	1031	1030	1029	—
Mean†	1031	1029	1028	1029	1030	1033	**1035**	1034	1033	1030	1026	**1023**	1024	1026	1027	1028	1028	1030	1030	1031	1031	1032	1032	1031	1032	1030

TERRESTRIAL MAGNETIC FORCE: WEST COMPONENT.

Mean values for periods of sixty Minutes centred at the Hours of Greenwich Mean Time.

256. Eskdalemuir. (—Y.) 4,000 γ (·04 C.G.S. unit) + **December, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	570	571	573	573	577	577	575	572	572	572	572	573	578	579	580	579	578	577	577	574	573	567	567	569	570	574
2	570	577	572	573	573	572	572	572	572	573	576	577	575	578	579	577	580	577	577	574	573	571	569	567	568	574
3	567	572	577	567	570	571	571	571	571	572	577	578	578	577	573	573	573	577	577	576	576	573	572	570	563	573
4	563	563	567	572	572	568	571	576	575	573	576	577	578	579	578	578	578	577	576	575	574	572	571	572	571	574
5 Q	571	572	572	575	576	577	576	576	575	572	575	578	583	584	583	581	577	578	577	575	573	571	571	572	572	576
6 Q	572	573	577	576	576	576	573	572	571	571	577	578	582	586	585	581	580	576	576	575	575	572	572	576	576	**576**
7	576	577	577	578	577	576	575	575	572	572	578	583	587	589	585	580	578	579	572	570	567	568	571	571	566	576
8	566	573	573	572	583	575	575	575	576	577	578	579	584	584	583	584	585	579	583	578	572	561	561	571	573	**576**
9	573	572	573	573	569	571	570	570	571	572	578	586	588	587	587	583	580	578	569	576	571	571	567	569	572	575
10	572	573	573	575	572	571	571	571	572	575	581	588	585	586	583	581	577	577	576	572	573	572	571	572	575	576
11	574	575	572	573	575	575	573	569	570	571	571	573	578	581	578	576	575	576	574	570	570	569	570	566	565	573
12 D	565	525	540	549	535	538	554	569	570	576	572	575	580	589	584	581	581	582	573	571	571	533	551	555	576	**564**
13 D	576	573	563	567	576	571	569	566	567	570	572	573	578	583	582	582	577	576	572	570	569	568	567	567	544	572
14	544	557	561	566	571	571	571	570	570	568	567	572	573	579	582	578	577	576	575	570	569	567	568	568	570	570
15	570	566	571	570	572	571	574	571	570	566	570	571	573	579	582	578	576	576	577	578	552	557	560	567	560	571
16 Q	560	566	567	568	567	571	570	571	569	566	568	572	577	579	582	578	577	576	576	572	571	570	567	569	569	571
17	568	569	570	570	570	569	569	569	567	566	570	576	580	585	586	584	581	576	574	575	573	573	560	538	549	571
18	549	559	566	571	561	567	569	569	567	568	568	576	580	584	578	574	574	574	574	573	569	568	569	566	563	570
19	563	565	562	560	561	564	564	565	569	569	571	581	583	597	585	579	576	576	575	571	574	569	568	567	564	571
20 D	564	572	574	569	574	569	571	570	568	566	572	577	580	581	576	576	576	582	605	620	585	571	539	565	540	575
21 D	540	550	542	547	576	560	559	565	565	567	568	585	585	572	583	583	578	577	566	564	566	564	565	565	565	567
22	565	566	566	566	568	568	565	566	565	567	567	571	576	578	573	571	570	569	569	569	569	565	567	566	562	568
23 D	561	559	547	560	567	565	565	566	564	566	562	563	578	584	577	571	568	566	568	567	569	569	552	555	564	565
24	564	564	569	566	566	569	568	568	561	560	566	574	576	577	575	572	571	569	567	566	568	559	564	565	565	568
25	565	567	569	569	569	567	566	563	563	562	565	568	570	574	570	568	569	569	567	565	565	564	563	568	568	567
26	568	569	569	574	573	568	568	567	564	563	560	564	576	580	579	575	570	569	569	569	569	565	562	564	565	569
27	565	568	570	571	573	569	573	569	564	563	563	566	578	583	582	575	570	569	568	568	567	564	559	559	562	569
28	562	562	559	569	573	568	567	572	569	564	565	569	575	577	574	571	570	569	569	569	568	568	568	565	566	569
29 Q	566	569	569	570	574	573	572	569	568	568	568	566	574	575	571	571	572	569	569	568	565	565	565	567	569	569
30 Q	569	569	575	569	568	570	569	568	564	564	566	570	575	576	573	569	569	569	570	569	565	566	567	567	569	569
31	569	568	574	569	565	569	571	571	571	571	*	*	*	*	*	*	*	*	569	569	564	563	563	563	560	—
Mean†	**565**	566	567	569	570	569	569	570	569	569	571	575	579	**581**	580	577	575	574	573	571	570	566	566	566	566	571

* Adjusting West Instrument (*see* p. 96). † Mean of 29 days; 20th and 31st omitted.

Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

Mean values for periods of sixty minutes centred at the Hours of Greenwich Mean Time.

257. Eskdalemuir. (Z.) 44,000 γ (·44 C.G.S. unit) + **December, 1924.**

Hour G.M.T.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Day.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	936	936	936	936	935	933	933	932	932	931	932	932	931	931	933	934	935	936	937	937	937	937	936	935	935	934
2	936	933	933	934	935	936	936	936	933	929	929	929	933	934	937	937	939	941	941	941	941	940	938	937	937	936
3	937	934	932	934	936	936	936	936	936	934	934	934	936	936	937	937	938	937	937	937	937	937	937	937	936	936
4	936	936	936	934	934	936	934	934	934	933	933	933	933	933	936	936	936	936	936	936	936	936	936	934	934	935
5Q	935	935	934	934	934	934	934	934	934	934	934	933	930	933	935	937	938	938	937	937	937	938	938	938	937	935
6Q	937	936	935	934	934	934	934	935	935	936	935	934	934	934	934	934	934	934	934	934	934	934	934	934	934	934
7	934	934	933	933	931	931	932	933	934	934	934	934	931	933	934	934	935	943	950	946	942	938	937	935	937	936
8	935	934	934	934	930	932	931	932	932	933	934	934	934	937	938	938	942	942	942	942	942	939	937	935	937	936
9	937	937	935	935	934	934	934	934	934	934	934	934	937	938	938	938	938	937	938	937	937	937	938	937	937	936
10	938	936	935	935	935	934	934	933	933	935	936	936	936	938	939	939	938	937	936	936	935	935	936	936	935	936
11	935	935	935	935	934	934	934	934	933	935	939	940	940	940	939	938	937	936	935	934	934	935	935	934	926	936
12D	926	925	928	926	926	930	930	927	930	931	936	939	938	935	938	939	939	938	939	939	939	943	942	939	932	934
13D	933	928	932	935	932	931	931	932	932	932	936	937	939	939	939	939	939	937	937	936	936	935	936	936	935	935
14	935	933	933	934	933	933	935	934	933	932	935	936	934	932	933	937	937	936	936	936	936	936	936	936	935	935
15	935	936	936	935	935	933	932	932	932	932	932	933	933	931	932	932	934	935	936	939	948	949	944	940	936	936
16Q	937	936	936	937	937	936	936	936	936	936	936	934	932	931	935	937	937	937	937	937	937	936	936	936	936	936
17	936	936	936	934	933	933	933	933	933	933	933	933	932	933	933	935	936	936	936	936	935	940	945	940	935	935
18	940	933	932	932	933	933	933	932	933	932	930	932	932	932	933	937	936	936	935	934	933	933	933	933	933	**933**
19	934	934	934	934	934	934	934	933	932	931	932	929	930	932	937	938	938	938	938	939	939	939	938	937	935	935
20D	935	933	928	931	932	932	933	931	930	931	930	930	931	931	933	934	†	†	†	†	938	941	940	947	932	—
21D	932	926	923	930	927	919	928	931	934	933	934	934	938	942	942	942	942	942	942	943	942	941	939	938	939	935
22	940	939	938	937	935	935	935	935	936	935	935	937	937	935	939	939	939	938	936	935	936	938	938	936	935	937
23D	935	938	935	934	933	933	934	934	934	934	934	935	934	935	938	940	939	939	939	939	939	940	939	940	939	936
24	940	939	937	937	936	935	932	935	936	936	935	935	936	937	939	940	941	943	944	942	940	940	940	940	939	938
25	939	938	937	936	936	936	936	936	936	936	938	940	939	936	940	943	943	941	940	940	939	939	939	939	939	938
26	940	939	939	937	937	937	937	937	937	937	940	941	937	940	943	944	945	944	942	941	941	940	940	940	938	**940**
27	939	939	938	938	937	936	935	934	934	933	934	934	933	934	939	942	942	942	939	938	938	938	941	940	938	937
28	938	938	938	935	933	931	930	930	930	933	934	933	933	937	939	940	939	938	938	938	938	937	937	937	938	936
29Q	939	939	939	939	939	939	938	938	937	936	936	935	934	937	942	942	943	943	943	943	942	939	939	938	938	939
30Q	938	938	937	937	938	938	938	938	938	937	935	938	938	939	939	939	942	943	943	942	941	939	939	938	937	939
31	938	938	935	934	935	935	935	935	935	933	*	*	*	*	*	*	*	*	*945	944	944	943	940	940	940	—
Mean†	936	935	935	935	934	**934**	934	934	934	934	934	935	935	935	937	938	**939**	938	938	939	938	938	938	937	936	936

DAILY EXTREMES OF EACH COMPONENT OF TERRESTRIAL MAGNETIC FORCE: MAGNETIC CHARACTER FIGURES: TEMPERATURE IN MAGNET HOUSE.

258. Eskdalemuir. **December, 1924.**

Day.	Terrestrial Magnetic Force. North Component. Maximum 15,000 γ +		Minimum 15,000 γ +		Range.	West Component. Maximum 4,000 γ +		Minimum 4,000 γ +		Range.	Vertical Component. Maximum 44,000 γ +		Minimum 44,000 γ +		Range.	Character Figures.§ ΣR^2	p	Magnetic Character of Day (0–2).	Temperature in Magnet House 200 +
	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	h. m.	γ	γ	h. m.	γ	$100\gamma^2$			a
1	21 23	1046	1021	13 33	25	13 12	583	562	20 50	21	20 53	939	930	12 53	9	11	·34	0	86·2
2	1 11	1037	1015	17 53	22	0 45	583	566	22 27	17	18 40	943	928	10 20	15	10	·30	0	86·3
3	24 0	1052	1022	15 29	30	2 10	582	560	24 0	22	15 58	939	929	2 20	10	15	·44	0	86·3
4	0 1	1052	1021	2 38	31	12 8	582	559	0 6	23	15 20	937	932	12 0	5	15	·45	0	86·3
5	8 0	1040	1026	11 55	14	12 42	587	571	20 40	16	19 40	938	930	12 0	8	5	·15	0	86·3
6	18 15	1043	1029	0 1	14	13 26	588	571	1 3	17	0 1	937	933	12 18	4	5	·15	0	86·3
7	14 10	1046	991	18 23	55	12 58	591	564	23 40	27	18 48	951	930	11 55	21	42	1·25	1	86·2
8	7 33	1049	1010	16 10	39	12 9	589	549	21 43	40	17 38	944	930	4 10	14	33	·99	1	86·2
9	7 12	1040	1016	10 58	24	13 10	589	561	21 49	28	13 20	939	933	7 15 9 45	6	14	·42	0	86·2
10	19 18	1039	1023	9 40	16	13 2	589	568	22 39	21	13 0	939	933	6 35	6	7	·22	0	86·1
11	23 57 23 59	1082	1019	11 59	63	23 0	582	552	23 29	30	12 30	941	926	24 0	15	51	1·52	1	86·1
12	0 4	1082	1000	11 0	82	13 27	593	497	21 9	96	21 22	950	922	0 10	28	167	4·99	1	86·1
13	6 3	1049	1015	11 9	34	0 41	585	545	24 0	40	13 0	940	927	0 42	13	29	·87	1	86·1
14	0·18	1039	1019	11 36	20	13 43	583	545	0 9	38	16 0	937	931	13 10	6	19	·56	0	86·1
15	7 20	1038	1001	19 53	37	14 33	587	541	20 8	46	20 22	952	931	9 10 13 0	21	39	1·17	1	86·0
16	0 45	1034	1018	12 40	16	14 0	583	555	0 30	28	19 40	937	929	12 40	8	11	·33	0	86·1
17	19 22	1047	1008	23 52	39	14 5	588	532	22 37	56	22 53	946	932	12 11	14	49	1·45	1	86·1
18	20 41	1042	1018	0 1	24	13 11	586	544	0 2	42	0 1	941	929	10 10	12	25	·74	0	86·0
19	8 6	1038	1022	1 56	16	13 12	602	557	2 59	45	19 8	940	929	11 16	11	24	·72	0	85·9
20	7 58 15 55	1050	1002	22 8	48	18 35	637	506	22 56	131	22 41	951	926	1 38	25	201	6·00	1	85·9
21	4 21	1050	983	12 30	67	4 21	589	539	2 11	50	18 30	946	915	4 37	31	79	2·37	1	85·9
22	22 10	1040	1013	14 3	27	13 3	582	560	23 40	22	14 26	941	934	10 4	7	13	·38	0	85·9
23	2 14	1044	982	10 50	62	12 47	588	538	2 9	50	22 46	942	932	3 28	10	64	1·92	1	85·9
24	20 58	1040	1007	4 28	33	12 50	581	556	20 48	25	17 40	944	932	5 46	12	19	·55	0	85·9
25	21 51	1035	1016	11 22	19	13 11	575	560	9 0	15	15 1	944	936	6 10 10 5	8	7	·19	0	—
26	7 50	1035	1017	15 59	18	12 14	583	559	10 0	24	15 30	945	936	12 20	9	10	·29	0	85·9
27	6 26	1038	1012	11 55	26	13 28	587	554	22 35	33	14 50	943	933	12 29	10	19	·56	0	85·9
28	5 43	1046	1025	16 11	21	12 48	580	555	1 43	25	14 10	941	929	5 45	12	12	·36	0	86·0
29	7 53	1038	1020	14 18	18	12 30	576	564	20 40	12	17 0	944	934	12 10	10	6	·17	0	86·0
30	3 55	1034	1023	12 0	11	1 34	580	564	8 31	16	17 19	944	935	9 55	9	5	·14	0	85·9
31	7 22	1048	1026	17 30	22	*	*	*	*	*	17 12	947	932	2 50	15	—	—	0	85·9
Mean	—	1045	1014	—	31	—	587	552	—	35	—	943	930	—	12	34	—	0·32	86·1
No. of Days used.	—	31	31	—	31	—	30	30	—	30	—	31	31	—	31	30	—	31	30

§ For explanation *see page* 101. † Mean of 29 days, 20th and 31st omitted. ‡ Gas failed. * Adjusting on W. Instrument (*see* p. 96).
Q denotes an "International Quiet Day," while D denotes a disturbed day used for the computation of Tables 271–276.

DIURNAL INEQUALITIES OF THE GEOGRAPHICAL COMPONENTS OF MAGNETIC FORCE.—"ALL" DAYS.

(Not corrected for the effect of the North Force on the West Magnetograph, or *vice versa*, or for the effect of the Horizontal Force on the V.F. Balance.)

Departures from mean of the day adjusted for non-cyclic change.

NORTH COMPONENT (*all days except Feb.* 26, 27 ; *Aug.* 5, 6 ; *Oct.* 6 ; *Nov.* 15, 16 ; *Dec.* 20, 31).

259. Eskdalemuir. **1924.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	− 2·3	− 0·8	+ 0·1	+ 2·3	+ 4·9	+ **6·3**	+ 6·1	+ 5·1	+1·1	− 2·2	− 5·8	− **6·5**	− 5·6	− 2·5	− 2·4	− 1·7	− 0·4	0·0	+ 1·1	+ 1·6	+ 1·3	− 0·2	− 0·2	+ 0·7
Feb. ...	+ 3·3	+ 1·6	+ 0·5	+ 1·7	+ 4·7	+ 5·4	+ **6·7**	+ 4·7	+ 1·0	− 6·5	− 10·0	−**13·4**	−11·3	− 7·3	− 2·1	− 2·4	+ 0·3	+ 1·8	+ 2·7	+ 3·5	+ 4·8	+ 2·7	+ 5·5	+ 2·2
Mar. ...	+ 6·6	+ 4·8	+ 5·0	+ 6·3	+ 6·9	+ 7·8	+ 7·8	+ 1·7	− 5·4	−13·5	−**21·3**	−20·1	−17·0	−11·6	− 5·7	− 2·3	+ 1·2	+ 2·6	+ 4·9	+ 6·7	+ 8·6	+ 8·0	+ **9·2**	+ 8·6
April ...	+ 7·8	+ 5·5	+ 6·0	+ 5·2	+ 6·6	+ 6·4	+ 4·7	+ 0·1	− 8·7	−19·3	−**25·4**	−25·2	−18·0	− 9·9	− 1·3	+ 1·7	+ 4·6	+ 8·3	+ 9·1	+ 8·1	+ 8·0	+ 8·0	+ **9·1**	+ 8·9
May ...	+ 6·5	+ 7·3	+ 4·7	+ 3·9	+ 6·0	+ 2·5	− 3·3	− 8·4	−17·5	−26·1	−**27·3**	−22·2	−14·9	− 7·3	− 0·9	+ 6·6	+12·1	+**16·9**	+16·8	+13·1	+ 9·8	+ 9·3	+ 7·0	+ 5·5
June ...	+ 3·0	+ 1·9	+ 3·7	+ 4·9	+ 6·0	+ 5·3	− 0·7	− 7·5	−14·0	−24·3	−**31·0**	−27·5	−20·7	−12·7	− 3·2	+ 8·4	+14·8	+17·8	+**19·5**	+16·8	+11·1	+10·8	+ 9·6	+ 8·1
July ...	+ 4·1	+ 3·3	+ 5·1	+ 6·9	+ 7·5	+ 5·5	− 0·1	− 8·0	−16·9	−24·8	−**28·2**	−25·4	−17·8	− 8·6	− 1·6	+ 5·1	+10·3	+17·5	+**18·4**	+16·4	+10·9	+ 8·3	+ 6·4	+ 5·7
Aug. ...	+ 7·9	+ 7·3	+ 5·7	+ 6·9	+ 5·8	+ 4·3	0·0	− 7·3	−15·2	−24·1	−**27·2**	−24·0	−17·8	− 9·2	− 2·1	+ 3·4	+ 7·8	+12·6	+**14·3**	+11·8	+10·0	+ 9·7	+ 9·9	+ 9·4
Sept. ...	+ 8·9	+ 7·5	+ 7·4	+ 8·8	+ 8·7	+ 6·4	+ 1·1	− 5·5	−14·7	−24·4	−**26·8**	−23·2	−16·7	−10·5	− 4·1	+ 0·5	+ 5·8	+ 9·4	+10·5	+10·8	+**11·5**	+ 8·2	+10·0	+10·3
Oct. ...	+ 7·2	+ 6·3	+ 6·3	+ 6·8	+ 8·1	+ 8·2	+ 5·2	0·0	− 8·9	−19·2	−**21·4**	−20·8	−17·2	−12·5	− 6·1	+ 1·7	+ 2·0	+ 5·9	+ 6·9	+ 7·7	+ 8·9	+**11·5**	+ 8·4	+ 8·2
Nov. ...	+ 0·9	+ 0·7	+ 1·9	+ 3·9	+ 6·4	+ **8·6**	+ 6·9	+ 4·5	+ 0·1	− 6·4	− 9·0	− **9·5**	− 8·1	− 6·6	− 5·2	− 3·9	+ 0·4	+ 2·3	+ 1·7	+ 2·1	+ 1·8	+ 1·8	+ 1·9	+ 2·8
Dec. ...	− 0·6	− 1·1	− 0·7	+ 0·6	+ 3·8	+ **5·3**	+ 4·7	+ 3·2	+ 0·5	− 3·5	− **6·3**	− 5·8	− 4·1	− 2·4	− 1·6	− 1·3	− 0·2	+ 0·3	+ 1·3	+ 1·3	+ 2·4	+ 1·7	+ 0·8	+ 2·0
Year ...	+ 4·5	+ 3·7	+ 3·8	+ 4·9	+ 6·3	+ 6·0	+ 3·2	− 1·4	− 8·2	−16·2	−**20·0**	−18·6	−14·1	− 8·4	− 3·0	+ 1·0	+ 4·9	+ 7·9	+ **8·9**	+ 8·3	+ 7·4	+ 6·7	+ 6·5	+ 6·0
Winter ...	+ 0·3	+ 0·1	+ 0·5	+ 2·1	+ 5·0	+ **6·4**	+ 6·1	+ 4·4	+ 0·7	− 4·6	− 7·8	− **8·8**	− 7·3	− 4·7	− 2·8	− 2·3	0·0	+ 1·1	+ 1·7	+ 2·1	+ 2·6	+ 1·5	+ 2·0	+ 1·9
Equinox ...	+ 7·7	+ 6·0	+ 6·2	+ 6·8	+ 7·6	+ 7·2	+ 4·7	− 0·9	− 9·4	−19·1	−**23·7**	−22·3	−17·2	−11·1	− 4·3	− 0·5	+ 3·4	+ 6·6	+ 7·9	+ 8·3	+ **9·3**	+ 8·9	+ 9·2	+ 9·0
Summer ...	+ 5·4	+ 4·9	+ 4·8	+ 5·7	+ 6·3	+ 4·4	− 1·1	− 7·8	−15·9	−24·8	−**28·4**	−24·8	−17·8	− 9·5	− 1·9	+ 5·9	+11·2	+16·2	+**17·3**	+14·5	+10·5	+ 9·5	+ 8·2	+ 7·2

WEST COMPONENT (*all days except Feb.* 26, 27 ; *Aug.* 5, 6 ; *Oct.* 6 ; *Nov.* 15, 16 ; *Dec.* 20, 31).

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	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	− 8·7	− 5·1	− 2·5	− 2·0	− 1·3	+ 1·0	+ 1·8	+ 0·1	+ 0·3	+ 3·2	+ 7·3	+10·1	+**13·0**	+11·6	+ 7·6	+ 4·2	+ 4·6	− 0·4	− 3·1	− 3·5	−**11·5**	− 9·5	− 7·6	− 9·7
Feb. ...	− 2·0	− 2·5	− 2·5	− 2·2	− 3·1	− 2·9	− 2·0	− 2·0	− 2·7	− 1·3	+ 3·8	+ 8·5	+12·6	+**13·2**	+10·1	+ 5·3	+ 2·0	− 0·1	− 4·7	− 4·2	− 5·3	− 6·0	− **7·3**	− 4·9
Mar. ...	− 6·3	− 5·4	− 3·7	− 5·1	− 4·6	− 5·5	− 7·8	−12·3	−**12·4**	− 6·2	+ 3·2	+16·0	+22·9	+**24·1**	+19·3	+11·8	+ 5·5	+ 3·1	− 2·0	− 4·4	−12·2	− 7·4	− 5·9	− 4·6
April ...	− 2·9	− 3·5	− 5·5	− 6·2	− 9·4	−12·4	−14·5	−18·6	−**18·9**	−12·5	− 1·3	+12·3	+24·4	+**26·0**	+21·2	+14·9	+ 9·1	+ 5·4	+ 1·8	+ 0·1	− 1·2	− 2·5	− 3·1	− 2·8
May ...	− 7·0	− 6·0	− 4·6	− 5·2	− 8·6	−13·3	−**18·2**	−17·8	−17·8	− 9·8	+ 2·9	+13·9	+20·9	+**21·2**	+18·8	+15·8	+11·3	+ 9·1	+ 4·5	+ 1·3	− 0·1	− 2·8	− 3·5	− 4·8
June ...	− 4·7	− 5·8	− 5·4	− 8·4	−15·3	−19·5	−23·3	−**23·6**	−22·9	−16·0	− 2·4	+11·9	+21·7	+25·5	+**25·6**	+24·7	+20·7	+13·2	+ 7·6	+ 4·7	− 0·2	0·0	− 3·5	− 4·8
July ...	− 6·3	− 6·4	− 6·6	− 9·7	−15·3	−22·2	−24·7	−**25·7**	−23·1	−12·2	+ 0·6	+15·2	+24·3	+**27·2**	+24·2	+20·2	+16·7	+13·5	+ 8·7	+ 5·3	+ 3·2	− 1·9	− 2·1	− 2·7
Aug. ...	− 4·1	− 4·7	− 5·0	− 8·6	−13·6	−18·1	−21·2	−**22·6**	−19·6	− 9·2	+ 3·9	+19·0	+26·0	+**26·1**	+21·4	+13·4	+ 7·3	+ 4·1	+ 3·1	+ 2·4	+ 2·0	+ 1·8	− 0·3	− 3·5
Sept. ...	− 7·5	− 9·5	− 6·0	−11·7	−11·0	−12·1	−12·6	−**13·5**	−12·7	− 4·1	+ 7·5	+20·7	+**26·7**	+25·7	+18·3	+11·6	+ 8·2	+ 6·1	+ 2·5	− 0·5	− 5·7	− 6·1	− 6·5	− 7·7
Oct. ...	− 8·8	− 8·5	− 5·4	− 3·5	+ 0·6	− 1·1	− 4·2	−11·4	−**15·3**	− 8·2	+ 1·7	+12·3	+**19·3**	+19·0	+14·3	+ 9·4	+ 6·5	+ 6·0	+ 4·0	+ 2·0	− 2·5	− 7·9	− 8·7	− 9·5
Nov. ...	− 7·7	− 3·4	− 1·2	− 1·0	− 1·2	− 1·6	− 2·5	− 2·9	− 5·3	− 1·6	+ 4·5	+10·4	+**13·2**	+11·9	+10·7	+ 7·6	+ 5·7	+ 4·7	+ 1·2	− 2·4	− 7·4	−10·3	−10·3	−**11·1**
Dec. ...	− 4·5	− 3·8	− 2·2	− 0·5	− 1·6	− 1·5	− 1·2	− 2·3	− 2·3	− 0·5	+ 3·5	+ 7·6	+**10·2**	+ 8·5	+ 5·7	+ 4·1	+ 3·1	+ 1·5	− 0·1	− 1·9	− 5·2	− **5·9**	− 5·6	− 5·4
Year ...	− 5·9	− 5·4	− 4·2	− 5·3	− 7·0	− 9·1	−10·9	−12·7	−**12·7**	− 6·5	+ 2·9	+13·1	+19·6	+**20·0**	+16·4	+11·9	+ 8·4	+ 5·5	+ 2·0	− 0·1	− 3·8	− 4·9	− 5·4	− 6·0
Winter ...	− 5·7	− 3·7	− 2·1	− 1·4	− 1·8	− 1·2	− 1·0	− 1·8	− 2·5	0·0	+ 4·8	+ 9·1	+**12·3**	+11·3	+ 8·6	+ 5·3	+ 3·9	+ 1·4	− 1·7	− 3·0	− 7·3	− **7·9**	− 7·7	− 7·8
Equinox ...	− 6·4	− 6·7	− 5·1	− 6·6	− 6·1	− 7·8	− 9·8	−14·0	−**14·9**	− 7·7	+ 2·8	+15·3	+23·3	+**23·7**	+18·3	+11·9	+ 7·3	+ 5·2	+ 1·6	− 0·7	− 5·4	− 6·0	− 6·1	− 6·2
Summer ...	− 5·5	− 5·7	− 5·4	− 8·0	−13·2	−18·3	−21·9	−**22·4**	−20·8	−11·8	+ 1·2	+15·0	+23·2	+**25·0**	+22·5	+18·5	+14·0	+ 9·9	+ 6·0	+ 3·4	+ 1·2	− 0·7	− 2·4	− 4·0

VERTICAL COMPONENT (*all days except Feb.* 26, 27 ; *Aug.* 5, 6 ; *Oct.* 6 ; *Nov.* 15, 16 ; *Dec.* 20, 31).

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	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	− 5·8	−**10·2**	− 8·1	− 5·9	− 4·8	− 4·7	− 4·1	− 3·6	− 3·7	− 4·1	− 3·5	− 2·9	− 1·7	+ 1·3	+ 3·3	+ 5·0	+ 5·8	+ 8·2	+**11·9**	+11·1	+ 9·8	+ 5·5	+ 2·2	− 0·8
Feb. ...	− 1·4	− 2·0	− 1·9	− 2·1	− 2·5	− 2·6	− 2·9	− 2·6	− 1·8	− 2·3	− 3·0	− 3·1	− 2·6	− 0·5	+ 3·0	+ **5·6**	+ 5·5	+ 4·8	+ 4·8	+ 3·7	+ 2·5	+ 2·0	+ 0·1	− 0·5
Mar. ...	− 3·3	− 3·3	− 4·4	− 4·5	− 3·6	− 2·9	− 1·7	− 0·6	− 1·2	− 3·4	− 5·3	− **7·1**	− 6·1	− 2·2	+ 3·4	+ 7·1	+ **8·6**	+ 8·5	+ 8·1	+ 6·9	+ 6·0	+ 3·2	− 0·1	− 2·1
April ...	+ 0·2	+ 0·4	+ 0·2	− 0·1	0·0	+ 0·7	+ 1·1	+ 0·2	+ 2·2	+ 5·4	+ 9·2	+**11·2**	−10·3	− 4·5	+ 0·3	+ 3·6	+ 5·6	+ **6·3**	+ 6·1	+ 5·6	+ 4·8	+ 4·0	+ 2·7	+ 1·4
May ...	− 2·7	− 0·8	− 5·2	− 4·9	− 4·4	− 2·5	− 1·9	− 3·0	− 5·9	− 9·3	−**12·4**	−12·3	− 8·0	− 1·7	+ 3·5	+ 5·7	+**13·5**	+12·5	+12·9	+10·9	+ 8·3	+ 6·0	+ 3·0	− 1·3
June ...	− 5·6	− 7·8	− 6·6	− 5·7	− 2·3	− 1·1	+ 0·2	+ 0·1	− 2·6	− 6·8	−10·0	−**11·7**	− 8·6	− 4·3	+ 2·9	+ 9·8	+14·9	+**15·8**	+13·9	+10·2	+ 6·7	+ 2·9	− 1·1	− 3·1
July ...	− 0·8	− 0·8	− 0·5	+ 0·2	+ 0·2	+ 0·4	0·0	+ 0·5	− 0·3	− 2·9	− 7·1	− 9·9	−**11·7**	− 9·7	− 5·7	− 0·4	+ 4·1	+ 6·9	+ 8·7	+ **9·5**	+ 8·4	+ 6·3	+ 4·0	+ 1·4	− 0·5
Aug. ...	+ 0·2	− 0·1	− 1·7	− 0·7	+ 2·1	+ 2·9	+ 3·1	+ 2·0	− 1·8	− 6·5	−10·6	−**12·4**	−10·5	− 5·0	− 1·1	+ 4·6	+ 6·6	+ **6·9**	+ 5·8	+ 4·5	+ 3·6	+ 2·9	+ 2·2	+ 1·1
Sept. ...	− 2·6	− 2·2	− 5·2	− 5·8	− 2·9	− 0·6	− 0·1	− 0·9	− 2·1	− 4·6	− 7·6	− **9·1**	− 6·8	− 1·9	+ 3·4	+ 6·8	+ 7·2	+ 7·6	+ **9·3**	+ 8·0	+ 4·8	+ 3·1	+ 2·0	0·0
Oct. ...	− 2·4	− 3·3	− 3·5	− 4·3	− **5·5**	− 4·9	− 2·7	− 0·1	+ 0·5	− 1·5	− 3·6	− 3·9	− 2·6	− 0·2	+ 3·1	+ **5·5**	+ 5·3	+ 4·4	+ 4·6	+ 4·9	+ 4·6	+ 3·9	+ 2·1	− 0·3
Nov. ...	− 2·4	− 2·8	− 2·9	− 2·6	− 2·8	− 2·9	− 2·8	− 3·3	− 2·8	− 4·7	− **5·0**	− 3·8	− 1·6	+ 1·3	+ 3·7	+ **6·6**	+ 6·1	+ 4·3	+ 5·2	+ 5·2	+ 4·3	+ 3·5	+ 1·5	− 1·4
Dec. ...	− 0·9	− 1·4	− 1·4	− 2·1	− **2·4**	− 2·3	− 2·3	− 2·1	− 2·3	− 1·6	− 1·3	− 1·4	− 0·7	+ 1·3	+ 2·2	+ **2·7**	+ 2·5	+ 2·5	+ 2·6	+ 2·6	+ 2·3	+ 2·0	+ 1·4	+ 0·1
Year ...	− 2·3	− 2·9	− 3·4	− 3·2	− 2·4	− 1·7	− 1·1	− 1·2	− 2·4	− 4·8	− 6·8	− **7·5**	− 5·8	− 1·9	+ 2·5	+ 5·6	+ 7·4	+ 7·5	+ **7·9**	+ 6·8	+ 5·3	+ 3·6	+ 1·4	− 0·6
Winter ...	− 2·7	− **4·1**	− 3·6	− 3·2	− 3·1	− 3·1	− 3·0	− 2·9	− 2·7	− 3·2	− 3·2	− 2·8	− 1·7	− 0·8	+ 3·1	+ 5·0	+ 5·0	+ 4·9	+ **6·1**	+ 5·6	+ 4·7	+ 3·2	+ 1·3	− 0·7
Equinox ...	− 2·0	− 2·1	− 3·2	− 3·7	− 3·0	− 1·9	− 0·9	− 0·5	− 1·2	− 3·7	− 6·4	− **7·8**	− 6·4	− 2·2	+ 2·5	+ 5·8	+ 6·7	+ 6·7	+ **7·0**	+ 6·3	+ 5·1	+ 3·5	+ 1·7	− 0·3
Summer ...	− 2·2	− 2·4	− 3·5	− 2·8	− 1·0	− 0·2	+ 0·5	−0·3	− 3·3	− 7·4	−10·7	−**12·0**	− 9·2	− 4·2	+ 1·8	+ 6·1	+10·5	+**11·0**	+10·5	+ 8·5	+ 6·2	+ 3·9	+ 1·4	− 1·0

DIURNAL INEQUALITIES OF THE MAGNETIC COMPONENTS, DECLINATION, INCLINATION, AND HORIZONTAL FORCE.—"ALL" DAYS.

Departures from mean of the day adjusted for non-cyclic change.

DECLINATION (measured positive towards the West) (*all days except Feb.* 26, 27 ; *Aug.* 5, 6 ; *Oct.* 6 ; *Nov.* 15, 16 ; *Dec.* 20, 31).

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Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	−1·60	−0·96	−0·50	−0·52	−0·53	−0·17	+0·01	−0·28	−0·01	+0·76	+1·78	+2·37	**+2·89**	+2·45	+1·64	+0·94	+0·94	−0·07	−0·67	−0·78	**−2·35**	−1·87	−1·49	−1·97
Feb. ...	−0·58	−0·58	−0·53	−0·53	−0·89	−0·88	−0·78	−0·66	−0·59	+0·11	+1·32	+2·45	**+3·15**	+3·03	+2·13	+1·19	+0·38	−0·12	−1·08	−1·04	−1·31	−1·34	**−1·75**	−1·10
Mar. ...	−1·63	−1·34	−1·02	−1·37	−1·31	−1·54	−2·00	−2·54	−2·15	−0·46	+1·86	+4·31	**+5·52**	+5·44	+4·14	+2·47	+1·03	+0·46	−0·68	−1·25	**−2·90**	−1·93	−1·70	−1·40
April ...	−1·01	−1·00	−1·43	−1·52	−2·23	−2·83	−3·14	**−3·70**	−3·24	−1·38	+1·20	+3·87	**+5·85**	+5·72	+4·27	+2·86	+1·55	+0·60	−0·17	−0·45	−0·69	−0·95	−1·12	−1·06
May ...	−1·76	−1·60	−1·17	−1·25	−2·04	−2·78	**−3·42**	−3·04	−2·52	−0·46	+2·12	+4·03	**+4·98**	+4·61	+3·77	+2·76	+1·54	+0·83	−0·07	−0·49	−0·58	−1·09	−1·10	−1·27
June ...	−1·11	−1·26	−1·28	−1·94	−3·37	−4·16	**−4·57**	−4·24	−3·73	−1·78	+1·28	+3·93	+5·49	**+5·77**	+5·25	+4·42	+3·26	+1·60	+0·40	−0·01	−0·67	−0·61	−1·25	−1·41
July ...	−1·48	−1·46	−1·60	−2·31	−3·46	−4·71	**−4·88**	−4·65	−3·62	−1·01	+1·72	+4·45	+5·83	**+5·87**	+4·88	+3·72	+2·72	+1·67	+0·69	+0·11	+0·01	−0·84	−0·78	−0·86
Aug. ...	−1·26	−1·35	−1·32	−2·10	−3·02	−3·83	**−4·20**	−4·06	−3·02	−0·46	+2·32	+5·12	**+6·16**	+5·69	+4·36	+2·47	+1·01	+0·10	−0·20	−0·20	−0·17	−0·20	−0·62	−1·22
Sept. ...	−1·99	−2·31	−1·61	**−2·83**	−2·68	−2·76	−2·56	−2·37	−1·69	+0·58	+3·00	+5·42	**+6·24**	+5·69	+3·86	+2·27	+1·30	+0·67	−0·09	−0·71	−1·78	−1·67	−1·85	−2·12
Oct. ...	−2·16	−2·04	−1·43	−1·08	−0·34	−0·69	−1·13	−2·26	−2·54	−0·53	+1·55	+3·62	**+4·79**	+4·48	+3·17	+1·96	+1·18	+0·86	+0·40	−0·04	−1·00	−2·22	−2·21	**−2·35**
Nov. ...	−1·58	−0·72	−0·34	−0·43	−0·60	−0·81	−0·89	−0·83	−1·06	+0·05	+1·41	+2·59	**+3·07**	+2·74	+2·42	+1·73	+1·11	+0·80	+0·15	−0·60	−1·57	−2·14	−2·14	**−2·36**
Dec. ...	−0·85	−0·69	−0·39	−0·12	−0·54	−0·59	−0·51	−0·63	−0·48	+0·11	+1·04	+1·84	**+2·27**	+1·82	+1·23	+0·89	+0·63	+0·28	−0·09	−0·45	−1·18	**−1·26**	−1·15	−1·18
Year ...	−1·42	−1·28	−1·05	−1·33	−1·75	−2·15	−2·34	**−2·44**	−2·05	−0·37	+1·72	+3·67	**+4·69**	+4·44	+3·43	+2·31	+1·39	+0·64	−0·12	−0·49	−1·18	−1·34	−1·43	−1·53
Winter ...	−1·15	−0·74	−0·44	−0·40	−0·64	−0·61	−0·54	−0·60	−0·53	+0·26	+1·39	+2·31	**+2·85**	+2·51	+1·85	+1·19	+0·77	+0·22	−0·42	−0·72	−1·60	**−1·65**	−1·63	**−1·65**
Equinox ...	−1·70	−1·67	−1·37	−1·70	−1·64	−1·95	−2·21	**−2·72**	−2·41	−0·45	+1·90	+4·31	**+5·60**	+5·33	+3·86	+2·39	+1·27	+0·65	−0·13	−0·61	−1·59	−1·69	−1·72	−1·73
Summer ...	−1·40	−1·42	−1·34	−1·90	−2·97	−3·87	**−4·27**	−4·00	−3·22	−0·93	+1·86	+4·38	**+5·61**	+5·49	+4·57	+3·34	+2·13	+1·05	+0·21	−0·15	−0·35	−0·69	−0·94	−1·19

INCLINATION (*all days except Feb.* 26, 27 ; *Aug.* 5, 6 ; *Oct.* 6 ; *Nov.* 15, 16 ; *Dec.* 20, 31).

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	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan. ...	+0·16	−0·11	−0·16	−0·26	−0·41	**−0·54**	−0·53	−0·42	−0·17	−0·02	+0·15	+0·16	+0·07	−0·02	+0·09	+0·16	+0·08	+0·21	+0·29	+0·24	**+0·37**	+0·33	+0·21	+0·11
Feb. ...	−0·21	−0·11	−0·03	−0·12	−0·31	−0·36	**−0·46**	−0·33	−0·06	+0·38	+0·50	**+0·63**	+0·43	+0·21	+0·02	+0·20	+0·08	+0·01	+0·04	−0·05	−0·15	−0·02	−0·22	−0·06
Mar. ...	−0·39	−0·29	−0·36	−0·43	−0·45	−0·48	−0·40	+0·10	+0·55	+0·90	**+1·18**	+0·82	+0·52	+0·25	+0·09	+0·11	+0·04	−0·01	−0·08	−0·18	−0·30	−0·49	**−0·52**	
April ...	−0·45	−0·28	−0·28	−0·22	−0·25	−0·16	0·00	+0·33	+0·86	+1·35	**+1·44**	+1·12	+0·45	+0·04	−0·30	−0·30	−0·33	−0·48	−0·47	−0·39	−0·37	−0·37	−0·46	**−0·49**
May ...	−0·36	−0·38	−0·35	−0·28	−0·34	+0·03	+0·51	+0·80	+1·32	**+1·63**	+1·40	+0·87	+0·38	+0·04	−0·21	−0·57	−0·66	**−0·95**	−0·85	−0·60	−0·42	−0·40	−0·31	−0·30
June ...	−0·24	−0·21	−0·30	−0·31	−0·16	0·00	+0·48	+0·92	+1·26	+1·70	**+1·80**	+1·26	+0·72	+0·24	−0·20	−0·76	−0·97	−1·00	**−1·06**	−0·92	−0·55	−0·62	−0·58	−0·51
July ...	−0·17	−0·11	−0·22	−0·26	−0·19	+0·05	+0·48	+0·98	+1·45	**+1·66**	+1·56	+1·07	+0·46	−0·09	−0·35	−0·60	−0·80	**−1·17**	−1·12	−0·95	−0·61	−0·40	−0·34	−0·33
Aug. ...	−0·43	−0·39	−0·32	−0·30	−0·07	+0·13	+0·47	+0·94	+1·30	**+1·56**	+1·42	+0·89	+0·40	−0·01	−0·23	−0·35	−0·47	−0·72	**−0·84**	−0·69	−0·59	−0·59	−0·58	−0·52
Sept. ...	−0·50	−0·36	−0·49	−0·50	−0·43	−0·20	+0·16	+0·58	+1·13	**+1·54**	+1·41	+0·89	+0·41	+0·15	+0·01	−0·08	−0·35	**−0·53**	−0·50	−0·49	−0·52	−0·34	−0·48	−0·52
Oct. ...	−0·36	−0·33	−0·39	−0·48	**−0·67**	−0·63	−0·33	+0·21	+0·87	**+1·35**	+1·26	+1·02	+0·69	+0·45	+0·20	+0·08	−0·12	−0·38	−0·41	−0·41	−0·42	−0·50	−0·33	−0·36
Nov. ...	+0·02	−0·05	−0·17	−0·30	−0·46	**−0·60**	−0·47	−0·32	+0·02	+0·33	**+0·37**	+0·33	+0·24	+0·24	+0·23	+0·28	+0·02	−0·13	0·00	+0·04	+0·13	+0·16	+0·11	−0·01
Dec. ...	+0·10	+0·11	+0·05	−0·08	−0·28	**−0·37**	−0·34	−0·22	−0·05	+0·20	**+0·31**	+0·20	+0·06	+0·03	+0·05	+0·07	+0·02	+0·02	−0·02	+0·01	0·00	+0·05	+0·09	−0·03
Year ...	−0·24	−0·21	−0·25	−0·29	−0·33	−0·26	−0·04	+0·30	+0·71	+1·05	**+1·07**	+0·77	+0·40	+0·13	−0·05	−0·15	−0·29	**−0·43**	−0·42	−0·37	−0·28	−0·25	−0·28	−0·29
Winter ...	+0·02	−0·04	−0·08	−0·19	−0·37	**−0·47**	−0·45	−0·32	−0·07	+0·22	**+0·33**	+0·33	+0·20	+0·11	−0·10	+0·18	+0·05	+0·03	+0·08	+0·06	+0·09	+0·13	+0·05	0·00
Equinox ...	−0·43	−0·31	−0·38	−0·41	−0·45	−0·37	−0·14	+0·31	+0·85	+1·29	**+1·32**	+0·96	+0·52	+0·22	0·00	−0·05	−0·19	−0·35	−0·37	−0·37	−0·37	−0·38	−0·44	**−0·47**
Summer ...	−0·30	−0·27	−0·30	−0·29	−0·19	+0·05	+0·49	+0·91	+1·33	**+1·64**	+1·55	+1·02	+0·49	+0·05	−0·25	−0·57	−0·73	−0·96	**−0·97**	−0·79	−0·54	−0·50	−0·45	−0·41

HORIZONTAL FORCE (*all days except Feb.* 26, 27 ; *Aug.* 5, 6 ; *Oct.* 6 ; *Nov.* 15, 16 ; *Dec.* 20, 31).

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	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	**− 4·6**	− 2·2	− 0·5	+ 1·7	+ 4·4	+ 6·3	**+ 6·3**	+ 4·9	+ 1·1	− 1·2	− 3·6	− 3·5	− 1·7	+ 0·8	− 0·2	− 0·5	+ 0·9	− 0·1	+ 0·2	+ 0·6	− 1·9	− 2·8	− 2·3	− 2·0
Feb. ...	+ 2·6	+ 0·9	− 0·2	+ 1·0	+ 3·7	+ 4·4	**+ 5·8**	+ 4·0	+ 0·2	− 6·6	− 8·5	**−10·6**	− 7·3	− 3·4	+ 0·8	− 0·8	+ 0·9	+ 1·7	+ 1·3	+ 2·1	+ 3·1	+ 1·0	+ 3·2	+ 0·7
Mar. ...	+ 4·6	+ 3·1	+ 3·8	+ 4·7	+ 5·4	+ 6·0	+ 5·4	− 1·8	− 8·7	−14·7	**−19·6**	−14·9	−10·0	− 4·5	− 0·1	+ 1·0	+ 2·7	+ 3·4	+ 4·2	+ 5·2	+ 4·9	+ 5·6	**+ 7·2**	+ 7·0
April ...	+ 6·7	+ 4·3	+ 4·3	+ 3·3	+ 3·7	+ 2·7	+ 0·5	− 5·0	−13·6	−22·0	**−24·8**	−20·8	−10·6	− 2·3	+ 4·6	+ 5·8	+ 6·9	**+ 9·5**	+ 9·2	+ 7·8	+ 7·4	+ 7·0	+ 7·9	+ 7·7
May ...	+ 4·3	+ 5·4	+ 3·2	+ 2·3	+ 3·4	− 1·3	− 8·3	−12·9	−21·8	**−27·7**	−25·5	−17·5	− 8·6	− 1·2	+ 4·4	+10·7	+14·8	**+18·7**	+17·3	+13·0	+ 9·4	+ 8·2	+ 5·8	+ 4·0
June ...	+ 1·5	+ 0·2	+ 2·0	+ 2·4	+ 1·5	− 0·3	− 7·1	−13·7	−19·8	−27·8	**−30·5**	−23·1	−13·9	− 5·2	+ 4·0	+14·9	+19·9	+20·7	**+20·9**	+17·4	+10·6	+10·3	+ 8·3	+ 6·4
July ...	+ 2·2	+ 1·4	+ 3·0	+ 3·9	+ 3·0	− 0·8	− 7·0	−14·8	−22·6	**−27·2**	−26·9	−20·2	−10·4	− 0·8	+ 5·1	+10·4	+14·5	**+20·6**	+20·1	+17·2	+11·4	+ 7·5	+ 5·5	+ 4·8
Aug. ...	+ 6·5	+ 5·7	+ 4·1	+ 4·2	+ 1·9	− 0·8	− 5·9	−13·3	−20·0	**−25·7**	−25·0	−17·8	− 9·9	− 1·6	+ 3·8	+ 6·9	+ 9·5	+13·2	**+14·6**	+12·0	+10·2	+ 9·9	+ 9·5	+ 8·1
Sept. ...	+ 6·5	+ 4·6	+ 5·4	+ 5·2	+ 5·4	+ 2·8	− 2·5	− 9·0	−17·6	**−24·6**	−23·7	−16·6	− 8·7	− 3·0	+ 1·1	+ 3·7	+ 7·8	+10·7	**+10·8**	+10·2	+ 9·5	+ 6·2	+ 7·8	+ 7·8
Oct. ...	+ 4·5	+ 3·7	+ 4·5	+ 5·6	+ 8·0	+ 7·6	+ 3·8	− 3·1	−12·8	**−20·7**	−20·1	−16·7	−11·3	− 6·8	− 1·9	+ 0·9	+ 3·7	+ 7·3	+ 7·8	+ 8·0	+ 7·9	**+ 8·9**	+ 5·7	+ 5·3
Nov. ...	− 1·2	− 0·3	+ 1·5	+ 3·5	+ 5·8	**+ 7·8**	+ 6·0	+ 3·5	− 1·4	− 6·6	**− 7·4**	− 6·3	− 4·2	− 3·1	− 2·1	− 1·7	+ 1·9	+ 3·5	+ 2·0	+ 1·4	− 0·3	− 1·0	− 1·0	− 0·4
Dec. ...	− 1·8	− 2·1	− 1·3	+ 0·4	+ 3·2	**+ 4·7**	+ 4·2	+ 2·4	− 0·2	− 3·5	**− 5·1**	− 3·5	− 1·2	0·0	0·0	− 0·1	+ 0·6	+ 0·7	+ 1·2	+ 0·7	+ 0·9	+ 0·1	− 0·8	+ 0·5
Year ...	+ 2·7	+ 2·1	+ 2·5	+ 3·2	+ 4·1	+ 3·3	+ 0·1	− 4·9	−11·4	−17·4	**−18·4**	−14·3	− 8·1	− 2·6	+ 1·6	+ 4·3	+ 7·0	**+ 9·2**	+ 9·1	+ 8·0	+ 6·1	+ 5·1	+ 4·7	+ 4·2
Winter ...	− 1·3	− 0·9	− 0·1	+ 1·7	+ 4·3	**+ 5·8**	+ 5·6	+ 3·7	− 0·1	− 4·5	**− 6·1**	− 6·0	− 3·6	− 1·4	− 0·4	− 0·8	+ 1·1	+ 1·5	+ 1·2	+ 1·2	+ 0·5	− 0·7	− 0·2	− 0·3
Equinox ...	+ 5·6	+ 3·9	+ 4·5	+ 4·7	+ 5·6	+ 4·8	+ 1·8	− 4·7	−13·2	−20·5	**−22·1**	−17·3	−10·1	− 4·1	+ 0·9	+ 2·9	+ 5·3	+ 7·7	**+ 8·0**	+ 7·8	+ 7·4	+ 6·9	+ 7·1	+ 6·9
Summer ...	+ 3·6	+ 3·2	+ 3·1	+ 3·2	+ 2·5	− 0·8	− 7·1	−13·7	−21·1	**−27·1**	−27·0	−19·7	−10·7	− 2·2	+ 4·3	+10·7	+14·7	**+18·3**	+18·2	+14·9	+10·4	+ 9·0	+ 7·3	+ 5·8

DIURNAL INEQUALITIES OF THE GEOGRAPHICAL COMPONENTS OF MAGNETIC FORCE.—INTERNATIONAL QUIET DAYS.

Departures from the mean of the day adjusted for non-cyclic change.

NORTH COMPONENT (*Quiet Days*).

265. Eskdalemuir. **1924.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	− 2·0	− 1·1	− 0·8	+ 0·1	+ 2·4	+ **3·3**	+ 2·9	+ 2·6	+ 2·5	− 0·2	− 3·3	− **4·8**	− 3·4	− 3·1	− 0·8	+ 0·3	+ 1·2	+ 2·1	+ 1·9	+ 1·8	+ 1·1	0·0	− 0·5	− 2·4
Feb. ...	+ 2·3	+ 1·4	+ 2·0	+ 0·1	+ 3·3	+ 4·2	+ **6·2**	+ 5·2	+ 0·9	− 6·7	− 11·4	− **14·2**	− 12·1	− 7·1	− 0·9	0·0	+ 1·6	+ 2·7	+ 3·5	+ 3·9	+ 3·8	+ 3·8	+ 4·3	+ 3·3
Mar. ...	+ **6·3**	+ 4·3	+ 5·3	+ 4·9	+ 4·7	+ 5·5	+ 4·7	+ 1·9	− 4·3	− 9·5	− 13·6	− **15·6**	− 14·0	− 10·0	− 4·0	+ 0·2	+ 2·2	+ 3·6	+ 4·4	+ 4·4	+ 4·2	+ 4·9	+ 4·1	+ 5·5
April ...	+ 3·8	+ 4·2	+ 5·8	+ 5·6	+ 4·6	+ 4·6	+ 1·5	− 2·3	− 11·3	− 19·7	− **24·3**	− 21·7	− 14·2	− 5·2	+ 2·2	+ 3·8	+ 6·4	+ 8·8	+ **9·7**	+ 9·3	+ 7·7	+ 7·1	+ 6·3	+ 7·1
May ...	+ 8·0	+ 5·9	+ 5·1	+ 5·6	+ 6·1	+ 3·2	+ 0·3	− 6·9	− 15·6	− 22·9	− **25·1**	− 22·4	− 17·7	− 10·2	− 3·7	+ 2·3	+ 8·8	+ **15·3**	+ 14·5	+ 11·2	+ 10·9	+ 10·8	+ 9·1	+ 7·5
June ...	+ 7·7	+ 7·0	+ 7·7	+ 10·0	+ 10·7	+ 9·5	+ 5·3	− 2·9	− 13·4	− 24·6	− **29·6**	− 28·5	− 25·4	− 20·3	− 11·0	− 0·9	+ 9·2	+ 15·0	+ 16·3	+ **16·6**	+ 12·9	+ 10·4	+ 9·5	+ 8·8
July ...	+ 7·4	+ 6·2	+ 6·7	+ 8·7	+ 10·1	+ 8·5	+ 3·1	− 7·7	− 18·7	− 27·4	− **30·8**	− 26·8	− 18·2	− 8·6	− 2·7	+ 5·5	+ 13·1	+ 14·5	+ **15·7**	+ 11·5	+ 9·3	+ 8·0	+ 6·6	+ 6·2
Aug. ...	+ 7·6	+ 5·5	+ 5·7	+ 6·2	+ 5·2	+ 3·6	+ 0·3	− 6·3	− 14·6	− 21·2	− **23·1**	− 22·7	− 18·1	− 9·8	− 2·6	+ 2·5	+ 6·7	+ 10·1	+ 12·4	+ **13·0**	+ 10·9	+ 10·1	+ 9·1	+ 9·4
Sept. ...	+ 9·5	+ 8·6	+ 8·0	+ 7·3	+ 7·9	+ 5·4	+ 1·4	− 9·1	− 17·7	− 27·6	− **30·8**	− 26·5	− 14·1	− 4·4	+ 1·2	+ 5·5	+ 7·5	+ 11·4	+ **11·6**	+ 9·9	+ 7·5	+ 7·6	+ 9·0	+ 10·9
Oct. ...	+ 6·2	+ 6·0	+ 5·9	+ 6·3	+ 6·8	+ 5·9	+ 4·5	0·0	− 5·4	− 16·7	− **21·5**	− 20·6	− 15·3	− 10·7	− 6·8	− 1·8	+ 3·3	+ 5·8	+ 7·6	+ 6·5	+ 8·3	+ **9·2**	+ 8·9	+ 7·5
Nov. ...	+ 0·7	+ 1·0	+ 3·5	+ 4·2	+ 6·3	+ **8·3**	+ 6·8	+ 1·7	− 1·4	− 7·7	− 12·3	− **12·4**	− 10·5	− 8·4	− 4·5	− 0·6	+ 2·3	+ 4·5	+ 4·6	+ 3·3	+ 3·4	+ 3·3	+ 2·5	+ 1·4
Dec. ...	− 1·6	− 2·9	− 1·9	0·0	+ 1·7	+ 1·9	+ 1·9	+ **2·8**	+ 1·5	− 2·0	− 3·8	− **3·8**	− 1·6	− 1·7	− 1·2	− 0·5	+ 1·0	+ 2·2	+ 2·6	+ 1·6	+ 1·5	+ 1·7	+ 0·7	− 0·1
Year ...	+ 4·7	+ 3·9	+ 4·4	+ 4·9	+ 5·8	+ 5·3	+ 3·2	− 1·7	− 8·1	− 15·5	− **19·1**	− 18·3	− 13·7	− 8·3	− 2·9	+ 1·3	+ 5·3	+ 8·0	+ **8·7**	+ 7·7	+ 6·8	+ 6·4	+ 5·8	+ 5·4
Winter ...	− 0·1	− 0·4	+ 0·7	+ 1·1	+ 3·4	+ 4·4	+ **4·5**	+ 3·1	+ 0·9	− 4·2	− 7·7	− **8·8**	− 6·9	− 5·1	− 1·9	− 0·2	+ 1·5	+ 2·9	+ 3·2	+ 2·7	+ 2·5	+ 2·2	+ 1·8	+ 0·5
Equinox ...	+ 6·5	+ 5·8	+ 6·3	+ 6·0	+ 6·0	+ 5·3	+ 3·0	− 2·4	− 9·7	− 18·4	− **22·5**	− 21·1	− 14·4	− 7·6	− 1·8	+ 1·9	+ 4·9	+ 7·4	+ **8·3**	+ 7·5	+ 6·9	+ 7·2	+ 7·1	+ 7·7
Summer ...	+ 7·7	+ 6·2	+ 6·3	+ 7·6	+ 8·0	+ 6·2	+ 2·2	− 5·9	− 15·6	− 24·1	− **27·1**	− 25·1	− 19·9	− 12·2	− 5·0	+ 2·4	+ 9·5	+ 13·7	+ **14·7**	+ 13·1	+ 11·0	+ 9·8	+ 8·5	+ 8·0

WEST COMPONENT (*Quiet Days*).

266. Eskdalemuir. **1924.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	− 5·3	− 3·8	− 1·2	+ 0·2	+ 0·9	+ 0·5	− 0·7	− 1·2	− 0·6	+ 1·4	+ 5·5	+ 6·5	+ **7·3**	+ 6·6	+ 3·0	+ 1·4	+ 1·7	+ 1·5	+ 0·5	− 1·8	− 4·2	− 4·8	− 6·3	− **7·3**
Feb. ...	− 1·9	− 2·6	− 3·0	− 1·6	− 2·7	− 3·7	− 3·3	− 3·8	− **4·8**	− 3·6	+ 1·5	+ 7·1	+ **10·9**	+ 10·2	+ 7·4	+ 1·8	+ 0·5	+ 1·1	+ 0·7	− 1·2	− 2·6	− 2·8	− 1·5	− 2·1
Mar. ...	− 0·6	− 1·5	− 2·3	− 5·0	− 4·9	− 5·8	− 8·1	− 11·0	− **12·7**	− 6·0	+ 4·3	+ 13·4	+ **18·5**	+ 15·9	+ 11·5	+ 4·3	− 0·8	− 1·1	− 1·2	− 2·1	− 1·6	− 2·1	− 0·6	− 0·5
April ...	− 2·9	− 1·5	− 4·1	− 6·5	− 9·5	− 12·7	− 14·2	− 18·2	− **19·2**	− 10·2	− 0·4	+ 14·6	+ **26·2**	+ 24·4	+ 16·8	+ 9·6	+ 5·6	+ 1·8	+ 1·3	+ 1·3	+ 1·5	− 0·7	− 0·9	− 2·1
May ...	− 1·3	− 3·1	− 2·8	− 6·3	− 10·1	− 13·8	− 15·5	− **16·8**	− 15·7	− 10·3	+ 0·2	+ 13·7	+ **18·7**	+ 16·8	+ 12·9	+ 9·8	+ 7·1	+ 5·1	+ 3·4	+ 2·3	+ 2·1	+ 1·0	+ 1·7	+ 0·8
June ...	+ 0·7	− 0·4	− 1·9	− 5·9	− 12·0	− 17·3	− 20·4	− 24·7	− **26·2**	− 17·2	− 3·5	+ 12·0	+ 19·1	+ **20·2**	+ 16·9	+ 16·1	+ 13·6	+ 9·9	+ 7·6	+ 4·7	+ 3·8	+ 2·8	+ 1·5	+ 0·4
July ...	− 1·4	− 3·0	− 4·4	− 6·0	− 11·4	− 20·1	− 25·9	− **28·9**	− 26·3	− 14·9	+ 1·7	+ 17·9	+ 24·6	+ **25·4**	+ 21·2	+ 17·0	+ 11·6	+ 5·7	+ 5·1	+ 3·5	+ 4·1	+ 3·1	+ 1·3	+ 0·1
Aug. ...	− 1·5	− 2·7	− 3·9	− 6·5	− 10·9	− 15·7	− 20·1	− **23·8**	− 18·8	− 6·6	+ 4·8	+ 17·0	+ 23·2	+ **23·6**	+ 18·4	+ 11·0	+ 3·2	+ 0·2	+ 0·7	+ 2·5	+ 3·1	+ 2·1	+ 0·9	− 0·1
Sept. ...	− 4·9	− 5·7	− 5·1	− 6·5	− 8·5	− 11·9	− 18·3	− **21·7**	− 18·5	− 9·5	+ 4·7	+ 21·1	+ **30·1**	+ 27·9	+ 17·2	+ 7·4	+ 3·2	+ 2·6	+ 2·8	+ 1·4	+ 1·4	+ 1·4	+ 0·8	− 4·2
Oct. ...	− 2·1	− 2·5	− 1·7	− 1·9	− 2·7	− 4·7	− 7·5	− 13·3	− **17·1**	− 13·5	− 2·2	+ 9·4	+ 17·4	+ **19·6**	+ 14·0	+ 9·2	+ 3·8	+ 3·0	+ 2·2	− 0·6	− 1·8	− 2·5	− 2·5	− 2·1
Nov. ...	− 3·3	− 2·0	+ 0·1	− 1·1	− 0·8	− 1·5	− 2·7	− 2·6	− **4·9**	− 1·4	+ 3·3	+ 7·1	+ **9·0**	+ 6·3	+ 4·7	+ 3·4	+ 2·7	0·0	− 1·3	− 2·3	− 2·0	− 3·7	− 3·3	− 3·6
Dec. ...	− 1·0	+ 1·1	+ 0·5	+ 1·0	+ 2·0	+ 0·5	− 0·5	− 2·4	− 3·7	− 1·3	+ 0·6	+ 5·8	+ **7·5**	+ 6·1	+ 3·2	+ 2·1	+ 0·5	+ 0·4	− 1·6	− 3·7	− 4·9	− **5·4**	− 3·7	− 3·1
Year ...	− 2·1	− 2·3	− 2·5	− 3·8	− 5·9	− 8·8	− 11·4	− 14·0	− **14·1**	− 7·8	+ 1·7	+ 12·1	+ **17·7**	+ 16·9	+ 12·3	+ 7·8	+ 4·4	+ 2·5	+ 1·7	+ 0·3	− 0·3	− 1·2	− 1·2	− 2·0
Winter ...	− 2·9	− 1·8	− 0·9	− 0·4	− 0·1	− 1·1	− 1·8	− 2·5	− 3·5	− 1·2	+ 2·7	+ 6·6	+ **8·7**	+ 7·3	+ 4·6	+ 2·1	+ 1·4	+ 0·7	− 0·4	− 2·2	− 3·4	− **4·2**	− 3·7	− 4·0
Equinox ...	− 2·6	− 2·8	− 3·3	− 4·9	− 6·4	− 8·7	− 12·0	− 16·1	− **16·9**	− 9·8	+ 1·6	+ 14·6	+ **23·0**	+ 21·9	+ 14·9	+ 7·7	+ 3·0	+ 1·6	+ 1·3	0·0	− 0·8	− 1·7	− 1·2	− 2·3
Summer ...	− 0·9	− 2·3	− 3·3	− 6·2	− 11·1	− 16·7	− 20·5	− **23·5**	− 21·7	− 12·3	+ 0·8	+ 15·1	+ 21·4	+ **21·5**	+ 17·3	+ 13·5	+ 8·9	+ 5·2	+ 4·2	+ 3·3	+ 3·3	+ 2·2	+ 1·3	+ 0·3

VERTICAL COMPONENT (*Quiet Days*).

267. Eskdalemuir. **1924.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	+ 0·7	+ 0·7	+ 0·3	− 0·2	0·0	− 0·1	+ 0·5	− 1·1	− 2·8	− **3·8**	− 3·3	− 3·5	− 2·7	+ 0·6	+ 1·2	+ 1·7	+ 1·7	+ 2·0	+ **2·0**	+ 1·8	+ 1·1	+ 1·1	+ 1·2	+ 1·0
Feb. ...	+ 0·2	+ 0·2	0·0	− 0·1	− 0·7	− 0·7	− 0·5	− 0·1	+ 0·4	− 0·6	− 1·4	− 3·1	− **3·3**	− 2·9	− 0·3	+ 1·5	+ 1·6	+ 1·2	+ 1·6	+ 1·7	+ 1·7	+ **1·9**	+ 1·3	+ 0·5
Mar. ...	+ 0·3	+ 0·4	0·0	+ 0·4	+ 0·7	+ 1·1	+ 1·9	+ 2·0	+ 0·6	− 2·4	− 4·9	− **7·7**	− 7·7	− 4·4	− 0·6	+ 2·8	+ **3·5**	+ 2·1	+ 2·1	+ 2·2	+ 2·2	+ 2·2	+ 1·7	+ 1·3
April ...	+ 3·4	+ 3·3	+ 2·2	+ 1·5	+ 2·0	+ 2·1	+ 2·3	+ 1·4	− 0·9	− 4·8	− 8·7	− **12·4**	− 11·3	− 4·4	− 0·1	+ 2·0	+ 3·5	+ 3·6	+ **4·0**	+ 2·9	+ 2·2	+ 1·9	+ 2·2	+ 2·1
May ...	+ 3·0	+ 2·7	+ 2·9	+ 3·9	+ 4·0	+ 3·5	+ 1·9	− 0·7	− 5·2	− 9·5	− 13·7	− **14·9**	− 10·8	− 5·5	− 0·1	+ 4·1	+ **6·0**	+ 5·5	+ 5·1	+ 4·9	+ 4·0	+ 3·1	+ 3·1	+ 2·7
June ...	+ 1·5	+ 1·9	+ 2·3	+ 2·9	+ 2·9	+ 2·9	+ 4·5	+ 3·0	− 0·6	− 6·0	− 9·6	− **12·4**	− 10·2	− 7·6	− 3·6	+ 0·4	+ 4·2	+ **5·2**	+ 4·9	+ 4·7	+ 3·5	+ 1·9	+ 1·7	+ 1·7
July ...	+ 0·9	+ 0·7	+ 0·7	+ 2·3	+ 2·7	+ 1·5	+ 3·1	+ 2·7	+ 1·7	− 3·9	− 10·1	− **13·0**	− 12·2	− 7·4	− 1·6	+ 2·6	+ 5·4	+ 6·4	+ **6·6**	+ 4·2	+ 3·2	+ 1·3	+ 1·1	+ 1·1
Aug. ...	+ 1·1	+ 1·0	+ 1·2	+ 1·9	+ 4·7	+ **6·0**	+ 5·0	+ 4·4	− 0·1	− 4·9	− 11·8	− **13·6**	− 10·7	− 4·7	+ 0·3	+ 3·6	+ 3·2	+ 3·7	+ 1·7	+ 1·9	+ 1·6	+ 2·0	+ 1·5	+ 1·1
Sept. ...	+ 0·7	+ 1·1	+ 1·5	+ 1·5	+ 3·0	+ 5·0	+ **5·3**	+ 4·3	+ 1·1	− 3·3	− 8·2	− **12·2**	− 10·3	− 5·7	+ 0·3	+ 3·3	+ 3·6	+ 0·8	+ 1·3	+ 1·3	+ 1·9	+ 1·7	+ 1·6	+ 0·6
Oct. ...	+ 1·4	+ 1·5	+ 1·3	+ 0·9	+ 0·4	+ 0·6	+ 0·4	+ 0·5	− 0·5	− 4·3	− **7·1**	− 6·8	− 6·2	− 2·9	+ 1·9	+ **3·9**	+ 3·0	+ 1·6	+ 1·2	+ 1·7	+ 1·9	+ 2·1	+ 1·8	+ 1·8
Nov. ...	+ 0·5	+ 0·4	− 0·3	− 0·9	− 1·0	− 1·1	− 0·8	− 1·3	− 1·3	− **3·6**	− 3·3	− 2·5	− 0·8	+ 1·3	+ 2·2	+ **2·5**	+ 2·3	+ 1·8	+ 1·5	+ 1·3	+ 1·0	+ 0·7	+ 0·8	+ 0·7
Dec. ...	− 0·3	− 0·8	− 0·8	− 0·6	− 0·7	− 0·9	− 0·7	− 0·8	− 1·0	− 1·6	− 1·9	− **3·1**	− 1·9	+ 0·4	+ 1·2	+ 2·2	+ **2·5**	+ 2·3	+ 2·1	+ 1·8	+ 0·8	+ 0·8	+ 0·5	+ 0·1
Year ...	+ 1·1	+ 1·1	+ 0·9	+ 1·1	+ 1·5	+ 1·7	+ 1·9	+ 1·2	− 0·7	− 4·1	− 7·0	− **8·8**	− 7·3	− 3·6	+ 0·1	+ 2·6	+ **3·4**	+ 3·0	+ 2·9	+ 2·5	+ 2·1	+ 1·7	+ 1·5	+ 1·2
Winter ...	+ 0·3	+ 0·1	− 0·2	− 0·5	− 0·6	− 0·7	− 0·4	− 0·8	− 1·2	− 2·4	− 2·5	− **3·1**	− 2·1	− 0·2	+ 1·1	+ 2·0	+ **2·0**	+ 1·8	+ 1·8	+ 1·7	+ 1·1	+ 1·1	+ 0·9	+ 0·6
Equinox ...	+ 1·5	+ 1·6	+ 1·2	+ 1·1	+ 1·5	+ 2·2	+ 2·5	+ 2·1	+ 0·1	− 3·7	− 7·2	− **9·8**	− 8·9	− 4·4	+ 0·4	+ 3·0	+ **3·4**	+ 2·0	+ 2·2	+ 2·0	+ 2·1	+ 2·0	+ 1·8	+ 1·5
Summer ...	+ 1·6	+ 1·6	+ 1·8	+ 2·8	+ 3·6	+ 3·5	+ 3·6	+ 2·3	+ 1·1	− 6·1	− 11·3	− **13·5**	− 10·9	− 6·3	− 1·3	+ 2·7	+ 4·7	+ **5·2**	+ 4·0	+ 3·9	+ 3·1	+ 2·1	+ 1·9	+ 1·7

DIURNAL INEQUALITIES OF THE MAGNETIC COMPONENTS, DECLINATION, INCLINATION AND HORIZONTAL FORCE.—INTERNATIONAL QUIET DAYS.

Departures from mean of the day adjusted for non-cyclic change.

DECLINATION (measured positive towards the West) (*Quiet Days*).

268. Eskdalemuir. **1924.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
Jan. ...	−0·94	−0·68	−0·19	+0·03	+0·05	−0·09	−0·31	−0·38	−0·26	+0·29	+1·29	+1·57	**+1·63**	+1·49	+0·64	+0·26	+0·28	+0·18	−0·02	−0·45	−0·90	−0·95	−1·21	**−1·31**
Feb. ...	−0·51	−0·59	−0·71	−0·33	−0·72	−0·97	−1·01	**−1·04**	−1·00	−0·33	+0·95	+2·22	**+2·84**	+2·43	+1·52	+0·35	+0·01	+0·06	−0·07	−0·45	−0·73	−0·78	−0·54	−0·60
Mar. ...	−0·49	−0·55	−0·75	−1·26	−1·23	−1·46	−1·87	**−2·29**	−2·27	−0·64	+1·62	+3·54	**+4·46**	+3·73	+2·50	+0·85	−0·28	−0·42	−0·49	−0·67	−0·55	−0·70	−0·36	−0·42
April ...	−0·79	−0·53	−1·14	−1·60	−2·14	−2·77	−2·91	**−3·48**	−3·17	−0·90	+1·30	+4·13	**+6·00**	+5·13	+3·20	+1·69	+0·75	−0·14	−0·31	−0·28	−0·15	−0·55	−0·54	−0·82
May ...	−0·70	−0·95	−0·85	−1·56	−2·36	−2·92	**−3·08**	−2·93	−2·21	−0·74	+1·47	+3·99	**+4·70**	+3·91	+2·77	+1·81	+0·92	+0·13	−0·15	−0·18	−0·21	−0·42	−0·18	−0·26
June ...	−0·30	−0·48	−0·82	−1·73	−2·98	−3·96	−4·34	**−4·78**	−4·43	−2·00	+1·00	+4·00	**+5·23**	+5·15	+3·97	+3·25	+2·18	+1·11	+0·58	−0·01	+0·01	−0·03	−0·24	−0·42
July ...	−0·69	−0·94	−1·25	−1·68	−2·84	−4·45	**−5·30**	−5·28	−4·15	−1·40	+2·08	+5·06	**+5·91**	+5·52	+4·36	+3·05	+1·55	+0·32	+0·12	+0·04	+0·28	+0·16	−0·12	−0·34
Aug. ...	−0·73	−0·85	−1·09	−1·64	−2·45	−3·31	−3·99	**−4·36**	−2·90	−0·11	+2·26	+4·65	**+5·63**	+5·23	+3·80	+2·04	+0·26	−0·53	−0·58	−0·25	−0·01	−0·17	−0·34	−0·56
Sept. ...	−1·50	−1·61	−1·46	−1·70	−2·13	−2·66	−3·71	**−3·79**	−2·67	−0·32	+2·67	+5·68	**+6·76**	+5·77	+3·35	+1·16	+0·21	−0·13	−0·10	−0·29	−0·71	−0·71	−0·68	−1·46
Oct. ...	−0·77	−0·84	−0·67	−0·73	−0·92	−1·26	−1·74	−2·63	**−3·07**	−1·72	+0·78	+3·03	+4·31	**+4·49**	+3·16	+1·93	+0·57	+0·27	+0·01	−0·48	−0·82	−1·03	−1·01	−0·85
Nov. ...	−0·70	−0·45	−0·17	−0·46	−0·51	−0·76	**−0·98**	−0·62	−0·89	+0·16	+1·36	+2·10	**+2·38**	+1·73	+1·18	+0·70	+0·41	−0·25	−0·51	−0·65	−0·59	−0·91	−0·81	−0·80
Dec. ...	−0·11	+0·37	+0·21	+0·19	+0·30	−0·02	−0·20	−0·64	−0·83	−0·14	+0·33	+1·37	**+1·58**	+1·31	+0·70	+0·44	+0·05	−0·05	−0·46	−0·82	−1·05	**−1·17**	−0·78	−0·60
Year ...	−0·69	−0·67	−0·74	−1·04	−1·49	−2·05	−2·45	**−2·68**	−2·32	−0·65	+1·43	+3·45	**+4·29**	+3·82	+2·60	+1·46	+0·58	+0·05	−0·17	−0·37	−0·45	−0·61	−0·57	−0·70
Winter ...	−0·57	−0·34	−0·21	−0·14	−0·22	−0·46	−0·61	−0·67	−0·75	−0·01	+0·98	+1·81	**+2·11**	+1·74	+1·01	+0·44	+0·19	−0·01	−0·27	−0·59	−0·82	**−0·95**	−0·83	−0·83
Equinox ...	−0·89	−0·88	−1·01	−1·32	−1·61	−2·04	−2·56	**−3·05**	−2·79	−0·89	+1·59	+4·09	**+5·38**	+4·78	+3·05	+1·41	+0·31	−0·11	−0·22	−0·43	−0·56	−0·75	−0·65	−0·89
Summer ...	−0·61	−0·81	−1·00	−1·65	−2·66	−3·66	−4·18	**−4·33**	−3·42	−1·06	+1·70	+4·43	**+5·37**	+4·95	+3·73	+2·54	+1·23	+0·26	−0·01	−0·10	+0·02	−0·11	−0·22	−0·39

INCLINATION (*Quiet Days*).

269. Eskdalemuir. **1924.**

Jan. ...	+0·24	+0·16	+0·08	−0·02	−0·17	**−0·22**	−0·16	−0·18	−0·22	−0·11	+0·03	+0·10	+0·02	+0·09	+0·03	0·00	−0·07	−0·11	−0·08	−0·04	+0·03	+0·12	+0·18	**+0·32**
Feb. ...	−0·11	−0·04	−0·07	+0·02	−0·18	−0·22	**−0·35**	−0·26	+0·04	+0·49	+0·67	**+0·71**	+0·49	+0·20	−0·08	0·00	−0·07	−0·17	−0·20	−0·19	−0·16	−0·14	−0·22	−0·16
Mar. ...	**−0·39**	−0·24	−0·30	−0·21	−0·20	−0·22	−0·10	+0·13	+0·53	+0·67	**+0·67**	+0·56	+0·37	+0·24	+0·03	−0·02	−0·04	−0·16	−0·21	−0·19	−0·18	−0·22	−0·21	−0·31
April ...	−0·11	−0·16	−0·25	−0·20	−0·07	−0·01	+0·22	+0·52	+1·07	+1·34	**+1·36**	+0·82	+0·15	−0·23	−0·46	−0·38	−0·43	−0·51	−0·55	**−0·55**	−0·47	−0·40	−0·33	−0·37
May ...	−0·42	−0·26	−0·21	−0·15	−0·11	+0·14	+0·32	+0·74	+1·17	**+1·44**	+1·27	+0·82	+0·53	+0·21	0·00	−0·23	−0·55	**−0·95**	−0·88	−0·65	−0·64	−0·64	−0·54	−0·43
June ...	−0·47	−0·40	−0·41	−0·47	−0·40	−0·22	+0·15	+0·72	+1·34	**+1·76**	+1·74	+1·31	+1·03	+0·75	+0·31	−0·23	−0·75	−1·02	**−1·07**	−1·04	−0·82	−0·68	−0·60	−0·53
July ...	−0·43	−0·33	−0·33	−0·39	−0·37	−0·14	+0·36	+1·10	+1·73	**+1·95**	+1·71	+1·08	+0·42	−0·10	−0·25	−0·60	−0·92	−0·88	**−0·95**	−0·71	−0·60	−0·54	−0·42	−0·37
Aug. ...	−0·44	−0·28	−0·27	−0·24	−0·02	+0·21	+0·48	+0·96	+1·29	**+1·37**	+1·11	+0·81	+0·48	+0·08	−0·17	−0·28	−0·41	−0·56	−0·77	**−0·84**	−0·72	−0·64	−0·56	−0·58
Sept. ...	−0·51	−0·42	−0·39	−0·32	−0·28	0·00	+0·38	+1·10	+1·51	**+1·88**	+1·70	+1·02	+0·10	−0·37	−0·39	−0·41	−0·46	−0·76	**−0·77**	−0·63	−0·41	−0·42	−0·53	−0·61
Oct. ...	−0·33	−0·30	−0·32	−0·35	−0·38	−0·28	−0·14	+0·25	+0·65	+1·22	**+1·26**	+0·99	+0·51	+0·26	+0·23	+0·05	−0·21	−0·39	**−0·50**	−0·37	−0·45	−0·50	−0·49	−0·40
Nov. ...	+0·03	−0·02	−0·24	−0·27	−0·41	**−0·54**	−0·41	−0·09	+0·15	+0·44	**+0·65**	+0·61	+0·49	+0·46	+0·26	+0·04	−0·14	−0·25	−0·24	−0·14	−0·16	−0·13	−0·08	−0·01
Dec. ...	+0·12	+0·15	+0·10	−0·03	**−0·17**	−0·15	−0·13	−0·16	−0·06	+0·12	**+0·19**	+0·06	−0·08	0·00	+0·05	+0·05	−0·01	−0·09	−0·09	+0·01	+0·01	+0·03	+0·04	+0·06
Year ...	−0·23	−0·18	−0·22	−0·22	−0·23	−0·14	+0·05	+0·40	+0·77	**+1·05**	+1·03	+0·74	+0·38	+0·13	−0·04	−0·17	−0·34	−0·49	**−0·53**	−0·45	−0·38	−0·35	−0·31	−0·28
Winter ...	+0·07	+0·06	−0·03	−0·07	−0·23	**−0·28**	−0·26	−0·17	−0·02	+0·23	**+0·39**	+0·37	+0·23	+0·19	+0·07	+0·02	−0·07	−0·15	−0·15	−0·09	−0·07	−0·03	−0·02	+0·05
Equinox ...	−0·33	−0·28	−0·31	−0·27	−0·23	−0·13	+0·09	+0·50	+0·94	**+1·28**	+1·25	+0·85	+0·28	−0·03	−0·15	−0·19	−0·29	−0·45	**−0·51**	−0·43	−0·38	−0·39	−0·39	−0·42
Summer ...	−0·44	−0·32	−0·31	−0·31	−0·23	0·00	+0·33	+0·88	+1·38	**+1·63**	+1·46	+1·01	+0·61	+0·23	−0·03	−0·33	−0·66	−0·85	**−0·92**	−0·81	−0·69	−0·63	−0·53	−0·48

HORIZONTAL FORCE (*Quiet Days*).

270. Eskdalemuir. **1924.**

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	− 3·4	− 2·1	− 1·1	+ 0·1	+ 2·6	**+ 3·3**	+ 2·6	+ 2·2	+ 2·3	+ 0·2	− 1·6	− 2·8	− 1·2	− 1·1	+ 0·1	+ 0·7	+ 1·6	+ 2·4	+ 2·0	+ 1·3	− 0·1	− 1·3	− 2·2	**− 4·4**
Feb. ...	+ 1·6	+ 0·6	+ 1·1	− 0·3	+ 2·4	+ 3·0	**+ 5·0**	+ 3·9	− 0·4	− 7·5	−10·5	**−11·7**	− 8·6	− 4·0	+ 1·1	+ 0·5	+ 1·7	+ 2·9	+ 3·5	+ 3·4	+ 2·9	+ 2·8	+ 3·8	+ 2·6
Mar. ...	**+ 5·9**	+ 3·7	+ 4·5	+ 3·3	+ 3·2	+ 3·7	+ 2·2	− 1·3	− 7·7	−10·8	**−11·8**	−11·3	− 8·3	− 5·2	− 0·7	+ 1·4	+ 1·9	+ 3·1	+ 3·9	+ 3·6	+ 3·6	+ 4·2	+ 3·8	+ 5·2
April ...	+ 2·9	+ 3·7	+ 4·5	+ 3·6	+ 1·8	+ 0·9	− 2·5	− 7·2	−16·2	−21·8	**−23·5**	−16·8	− 6·4	+ 1·8	+ 6·8	+ 6·3	+ 7·7	+ 8·9	**+ 9·7**	+ 9·3	+ 7·8	+ 6·6	+ 5·8	+ 6·2
May ...	+ 7·3	+ 4·8	+ 4·2	+ 3·7	+ 3·0	− 0·8	− 4·0	−11·2	−19·3	**−24·9**	−24·0	−17·7	−11·9	− 5·2	0·0	+ 4·9	+10·4	**+16·1**	+14·9	+11·4	+11·0	+10·6	+ 9·2	+ 7·5
June ...	+ 7·6	+ 6·6	+ 6·9	+ 8·0	+ 7·0	+ 4·3	− 0·6	− 9·6	−20·1	−28·4	**−29·4**	−24·1	−19·1	−13·9	− 5·9	+ 3·6	+12·6	+17·1	**+17·7**	+17·2	+13·4	+10·8	+ 9·6	+ 8·6
July ...	+ 6·7	+ 5·2	+ 5·2	+ 6·7	+ 6·5	+ 2·6	− 4·1	−15·3	−25·2	**−30·5**	−29·2	−20·8	−10·7	− 1·2	+ 3·2	+ 9·9	+15·8	+15·5	**+16·5**	+12·0	+10·1	+ 8·5	+ 6·7	+ 6·0
Aug. ...	+ 6·9	+ 4·6	+ 4·4	+ 4·2	+ 2·0	− 0·9	− 5·2	−12·6	−19·2	**−22·2**	−20·8	−17·1	−11·0	− 2·9	+ 2·6	+ 5·5	+ 7·3	+ 9·7	+12·1	**+13·2**	+11·3	+10·3	+ 8·9	+ 9·0
Sept. ...	+ 7·8	+ 6·7	+ 6·3	+ 5·2	+ 5·3	+ 1·9	− 3·7	−14·7	−22·1	**−29·2**	−28·3	−19·7	− 5·3	+ 3·4	+ 5·9	+ 7·3	+ 8·1	+11·7	**+11·9**	+ 9·9	+ 6·8	+ 6·9	+ 8·4	+ 9·3
Oct. ...	+ 5·4	+ 5·1	+ 5·2	+ 5·5	+ 5·8	+ 4·4	+ 2·3	− 3·6	− 9·9	−19·7	**−21·3**	−17·2	− 9·9	+ 4·9	+ 2·7	+ 0·8	+ 4·2	+ 6·4	+ 7·9	+ 6·1	+ 7·5	**+ 8·2**	+ 7·9	+ 6·6
Nov. ...	− 0·2	+ 0·4	+ 3·4	+ 3·7	+ 5·8	**+ 7·6**	+ 5·8	+ 0·9	− 2·7	− 7·8	**−10·9**	−10·0	− 7·6	− 6·3	− 3·1	+ 0·3	+ 2·9	+ 4·4	+ 4·1	+ 2·5	+ 2·7	+ 2·1	+ 1·5	+ 0·4
Dec. ...	− 1·8	− 2·5	− 1·7	+ 0·3	**+ 2·2**	+ 2·0	+ 1·7	+ 2·1	+ 0·5	− 2·3	**− 3·5**	− 2·1	+ 0·5	+ 0·1	− 0·3	+ 0·1	+ 1·1	+ 2·2	+ 2·1	+ 0·5	+ 0·2	+ 0·2	− 0·3	− 0·9
Year ...	+ 3·9	+ 3·1	+ 3·6	+ 3·7	+ 4·0	+ 2·7	0·0	− 5·5	−11·7	−17·1	**−17·9**	−14·3	− 8·3	− 3·3	+ 0·0	+ 3·4	+ 6·3	+ 8·4	**+ 8·9**	+ 7·5	+ 6·4	+ 5·8	+ 5·3	+ 4·7
Winter ...	0·9	0·9	+ 0·4	0·9	+ 3·3	+ 4·0	− 3·8	+ 2·3	0·1	− 4·3	− 6·6	**− 6·7**	− 4·2	− 2·8	0·5	+ 0·4	+ 1·8	+ 3·0	+ 2·9	+ 1·9	+ 1·4	+ 0·9	+ 0·7	0·0
Equinox ...	+ 5·5	+ 4·8	+ 5·1	+ 4·4	+ 4·0	+ 2·7	− 0·4	− 6·7	−14·0	−20·4	**−21·2**	−16·3	− 7·5	− 1·2	+ 2·3	+ 3·9	+ 5·5	+ 7·5	**+ 8·3**	+ 7·2	+ 6·4	+ 6·5	+ 6·5	+ 6·8
Summer ...	+ 7·1	+ 5·3	+ 5·2	+ 5·7	+ 4·6	+ 1·3	− 3·5	−12·2	−20·9	**−26·5**	−25·9	−19·9	−13·2	− 5·8	0·0	+ 6·0	+11·5	+14·6	**+15·3**	+13·5	+11·5	+10·1	+ 8·6	+ 7·4

DIURNAL INEQUALITIES OF THE GEOGRAPHICAL COMPONENTS OF MAGNETIC FORCE.—SELECTED DISTURBED DAYS.

Departures from mean of the day adjusted for non-cyclic change.

NORTH COMPONENT (*Disturbed Days*).

271. Eskdalemuir. **1924.**

Month and Season.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	− 7·5	− 0·6	+ 3·9	+ 5·5	+12·3	**+13·2**	+10·3	+ 8·3	+ 2·3	− 4·8	**−11·9**	− 9·5	− 9·1	− 3·8	− 5·3	−10·1	− 1·9	− 5·6	− 1·9	+ 2·9	+ 4·7	+ 1·0	− 0·1	+ 7·7
Feb. ...	+ 1·6	+ 0·7	0·0	+ 1·1	+ 8·4	+ 7·7	+ 9·1	+ 7·2	+ 5·5	− 4·6	− 6·5	−18·6	**−20·1**	−15·0	− 7·5	− 5·0	− 1·1	+ 6·8	+ 4·1	+ 9·7	**+10·8**	− 1·3	+ 9·4	− 2·3
Mar. ...	+ 9·1	+ 7·1	+ 5·1	+10·1	+10·1	+10·7	+ 8·7	− 3·5	−13·7	−17·5	**−23·1**	−20·1	−19·7	−12·9	− 9·9	− 3·9	+ 4·3	+ 2·5	+ 3·9	+ 9·5	**+18·1**	+ 2·1	+12·7	+10·7
April ...	**+11·3**	+ 6·4	+ 5·5	+ 5·0	+10·1	+10·4	+ 7·9	+ 1·6	− 5·3	−16·6	−25·5	**−28·8**	−20·7	−11·4	+ 1·7	+ 0·8	− 3·7	+ 4·8	+ 5·1	+ 3·2	+10·9	+ 6·8	+ 9·1	+10·8
May ...	+10·3	+17·0	+ 5·9	− 2·4	+ 5·3	− 6·4	−23·6	−26·3	−37·6	**−40·7**	−35·8	−24·7	−12·1	+ 3·6	+15·7	+28·0	**+31·5**	+31·0	+26·8	+18·9	+ 7·4	+ 9·7	+ 2·2	− 3·9
June ...	−10·7	−10·7	− 5·5	− 9·4	− 5·4	+ 0·6	− 7·8	−15·4	−20·0	−37·1	**−45·5**	−32·9	−18·5	− 0·1	+16·1	+46·4	**+46·6**	+31·0	+28·8	+17·2	+ 3·8	+ 7·9	+ 7·5	+13·3
July ...	+ 1·0	− 1·5	+ 0·7	+ 3·0	+ 5·5	+ 4·6	+ 0·8	− 5·3	−17·4	**−26·5**	−26·5	−24·0	−18·1	− 5·8	− 4·4	+ 2·5	+11·0	+23·1	**+24·9**	+24·0	+11·9	+10·8	+ 2·0	+ 3·7
Aug. ...	+14·6	**+16·1**	+ 5·3	+10·0	+ 5·8	+ 2·5	− 0·2	− 7·2	−15·3	−26·9	**−29·2**	−22·7	−14·3	− 6·6	+ 0·4	+ 1·9	+ 6·9	+11·8	+11·5	+ 1·9	+ 4·2	+ 7·4	+ 9·3	+12·9
Sept. ...	+11·8	+10·6	+ 5·3	+ 9·5	+11·6	+ 6·8	5·3	− 7·1	−14·2	**−29·6**	−25·1	−19·1	−14·4	−10·8	− 2·3	+ 4·3	+13·4	**+13·6**	+ 6·9	+ 6·9	+13·2	− 2·2	+ 6·1	+10·3
Oct. ...	+10·1	+ 8·2	+11·5	+11·5	+12·3	+13·1	+ 1·4	− 5·5	−16·4	**−23·9**	−18·5	−21·0	−20·5	−18·2	− 6·1	+ 1·9	+ 2·7	+ 4·3	+ 3·8	+ 3·9	+11·0	**+20·1**	+ 7·9	+ 6·4
Nov. ...	+ 1·8	+ 1·5	+ 3·8	+ 5·3	+ 8·8	**+11·5**	+ 7·8	+ 7·5	+ 3·0	− 2·5	− 2·8	− 3·9	− 5·2	− 9·1	−11·8	**−14·1**	− 5·6	+ 2·5	− 1·0	− 0·1	+ 1·4	− 1·5	+ 1·0	+ 1·9
Dec. ...	− 6·0	− 4·9	− 5·5	− 4·1	+ 5·8	+ 4·6	+ 5·0	+ 2·5	− 2·3	− 9·3	**−16·0**	−10·4	− 7·2	− 2·3	+ 1·7	+ 3·1	+ 3·6	+ 6·0	+ 6·0	+ 6·9	+ **8·1**	+ 6·9	+ 3·2	+ 3·8
Year ...	+ 3·9	+ 4·2	+ 3·0	+ 3·7	+ 7·6	+ 6·6	+ 1·2	− 3·6	−10·9	−20·0	**−22·2**	−19·7	−15·0	− 7·7	− 1·0	+ 4·6	+ 9·0	**+11·0**	+ 9·9	+ 8·7	+ 8·8	+ 5·6	+ 5·9	+ 6·3
Winter ...	− 2·5	− 0·8	+ 0·6	+ 1·9	+ 8·8	**+ 9·3**	+ 8·2	+ 6·4	+ 2·1	− 5·3	− 9·3	**−10·6**	−10·4	− 7·5	− 5·7	− 6·5	− 1·3	+ 2·4	+ 1·8	+ 4·9	+ 6·2	+ 1·3	+ 3·4	+ 2·8
Equinox ...	+10·6	+ 8·1	+ 6·9	+ 9·0	+11·0	+10·2	+ 3·2	− 3·6	−12·4	−21·9	**−23·1**	−22·3	−18·8	−13·3	− 4·1	+ 0·8	+ 4·2	+ 6·3	+ 4·9	+ 5·9	**+13·3**	+ 6·7	+ 8·9	+ 9·5
Summer ...	+ 3·8	+ 5·2	+ 1·6	+ 0·3	+ 2·8	+ 0·3	− 7·7	−13·5	−22·6	−32·8	**−34·3**	−26·1	−15·7	− 2·2	+ 7·0	+19·7	+24·0	**+24·2**	+23·0	+15·5	+ 6·8	+ 8·9	+ 5·2	+ 6·5

WEST COMPONENT (*Disturbed Days*).

272. Eskdalemuir. **1924.**

Month and Season.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−26·6	−17·6	− 6·7	9·2	− 5·4	+ 6·1	+13·2	+ 7·6	+10·1	+14·0	+19·2	+18·9	+25·6	**+26·6**	+22·9	+ 4·2	+12·4	−11·7	−19·0	− 3·0	**−29·7**	−20·0	−11·2	−20·9
Feb. ...	− 3·1	0·0	+ 2·0	+ 3·9	+ 1·9	+ 1·0	+ 4·6	+ 2·4	+ 1·9	+ 0·1	+ 7·2	+11·6	+18·7	**+18·7**	+16·9	+13·2	− 3·0	− 8·5	**−25·7**	−11·7	− 8·8	−13·2	−18·3	−11·9
Mar. ...	−10·3	−12·2	− 5·2	−10·0	− 5·5	− 6·5	− 4·3	−10·7	−10·3	− 1·6	+ 8·2	+22·6	+26·5	**+31·7**	+26·9	+14·3	+13·1	+11·8	+ 2·8	− 4·4	**34·1**	−23·5	−13·7	− 5·5
April ...	− 7·1	−12·6	−10·4	− 8·3	−15·1	−18·2	−16·5	**−18·9**	−15·8	−11·3	+ 1·5	+14·0	+30·2	**+33·9**	+31·3	+24·8	+13·3	+ 7·5	+ 0·8	− 3·4	− 3·5	− 6·5	− 4·8	− 4·9
May ...	**22·1**	−14·4	− 4·7	+ 7·8	+12·3	+ 4·0	−10·3	− 7·4	−17·9	−14·0	− 1·3	+10·2	+18·3	+19·2	+23·1	**+27·6**	+21·7	+16·2	+ 4·7	− 2·6	− 8·5	−21·0	−21·9	−18·0
June ...	**30·0**	−25·3	13·2	4·5	−16·8	−16·5	−25·6	−22·7	−22·0	−19·5	− 2·4	+13·3	+28·2	+39·7	+43·0	**+56·1**	+54·2	+27·1	+11·0	+ 6·7	−16·4	−15·3	−21·8	−27·5
July ...	− 9·7	−12·5	−12·2	−20·0	−21·3	−28·8	−27·7	**−29·3**	−22·8	− 6·0	+ 7·5	+20·0	+29·7	**+35·9**	+33·6	+27·8	+26·5	+20·8	+13·9	+ 3·3	− 0·2	−11·0	− 9·9	− 7·4
Aug. ...	−15·1	−22·1	−12·6	17·3	−19·7	21·6	−25·3	**−26·1**	−22·6	− 9·1	+ 8·7	+24·0	+34·9	**+35·5**	+31·2	+21·3	+18·3	+13·6	+ 7·1	+ 0·7	+ 2·0	+ 5·1	− 0·9	−10·2
Sept. ...	− 5·5	−16·1	+ 9·7	−19·4	−16·8	−17·1	−10·5	− 7·5	−12·8	− 1·8	+11·3	+21·9	+27·1	**+28·8**	+21·8	+19·1	+17·3	+ 9·0	− 4·4	−10·6	**−21·1**	− 9·5	− 7·8	− 5·2
Oct. ...	−30·0	**−32·1**	−16·5	− 6·2	+17·9	+15·5	+13·0	− 3·0	−11·3	+ 0·7	+ 5·2	+14·9	**+23·9**	+21·6	+13·0	+ 8·1	+ 9·6	+12·2	+12·7	+ 8·3	− 4·4	−22·9	−22·9	−27·4
Nov. ...	−19·5	−14·4	−12·2	−11·7	−11·9	−10·6	−10·6	−10·0	−11·1	− 3·9	+ 3·2	+11·8	+18·5	+20·1	**+29·5**	+20·8	+16·4	+22·9	+19·9	+ 7·9	− 6·6	−13·2	−13·1	**−22·3**
Dec. ...	−14·1	**−16·6**	−11·3	− 3·9	− 8·8	− 5·6	− 1·9	− 2·2	+ 0·2	+ 0·5	+ 6·1	+11·8	**+13·5**	+12·3	+10·6	+ 8·2	+ 8·9	+ 8·9	+11·4	+ 4·7	− 6·1	−12·2	− 5·4	− 8·9
Year ...	−16·1	**−16·3**	− 7·8	− 8·2	− 7·4	− 8·2	− 8·5	−10·6	−11·2	− 4·3	+ 6·2	+16·2	+24·6	**+27·0**	+25·3	+20·5	+17·4	+10·8	+ 2·9	− 0·3	−11·5	−13·6	−12·7	−14·2
Winter ...	−15·8	−12·1	− 7·0	− 5·2	− 6·1	− 2·3	+ 1·3	− 0·5	+ 0·3	+ 2·7	+ 8·9	+13·5	+19·1	+19·4	**+20·0**	+11·6	+ 8·7	+ 2·9	− 3·3	− 0·5	−12·8	−14·6	−12·0	**−16·0**
Equinox ...	−13·2	**−18·3**	− 5·6	−11·0	− 4·9	− 6·6	− 4·6	−10·0	−12·5	− 3·5	+ 6·5	+18·3	+26·9	**+29·0**	+23·3	+16·6	+13·3	+10·1	+ 3·0	− 2·5	−15·8	−15·6	−12·3	−10·8
Summer ...	19·2	−18·6	−10·7	− 8·5	−11·4	−15·7	**−22·2**	−21·4	−21·3	−12·1	+ 3·1	+16·9	+27·8	+32·6	+32·7	**+33·2**	+30·2	+19·4	+ 9·2	+ 2·0	− 5·8	−10·5	−13·6	−15·8

VERTICAL COMPONENTS (*Disturbed Days*).

273. Eskdalemuir. **1924.**

Month and Season.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan. ...	−33·1	**52·8**	−36·9	−21·4	−15·1	−14·3	−13·8	−10·7	− 9·4	− 7·7	− 5·8	− 2·4	− 0·5	+ 3·0	+ 7·9	+15·6	+16·7	+30·1	**+53·8**	+46·9	+39·4	+14·7	+ 3·6	− 7·8
Feb. ...	− 2·4	− 1·2	− 2·2	− 4·9	− 7·1	**− 7·5**	− 7·3	− 6·7	− 5·8	− 4·4	− 5·8	− 3·9	− 0·7	+ 3·1	+ 8·9	+12·1	**+14·4**	+12·4	+10·8	+ 4·7	+ 1·1	+ 0·5	− 5·1	− 3·1
Mar. ...	−12·4	−13·1	14·2	**−14·7**	−10·8	− 7·7	− 5·4	− 2·3	− 0·2	− 0·9	− 2·2	3·1	− 1·2	+ 2·3	+ 8·4	+10·7	+13·0	+14·7	**+15·4**	+14·3	+14·6	+ 7·1	− 4·2	− 8·5
April ...	− 2·6	− 0·9	− 0·2	− 2·9	3·4	2·3	− 3·0	− 4·9	− 7·0	− 9·3	**−11·9**	−11·9	8·5	1·2	+ 5·5	+10·6	**+12·1**	+10·4	+ 8·7	+ 8·6	+ 6·3	+ 5·4	+ 2·3	+ 0·1
May ...	24·9	−30·4	−35·6	39·4	**−44·1**	−32·7	−24·1	−18·9	−13·5	− 9·2	− 5·6	+ 1·6	+10·1	+21·1	+29·5	+39·5	**+49·9**	+40·4	+39·6	+29·8	+21·3	+13·5	− 0·3	−17·7
June ...	−31·7	**−39·4**	−38·5	−38·5	−22·0	−15·1	−10·9	− 6·8	− 6·3	9·1	−10·8	−10·9	− 5·3	+ 4·8	+27·9	+49·1	**+59·0**	+55·3	+44·1	+24·8	+12·3	+ 1·5	−11·8	−21·3
July ...	− 0·2	+ 0·1	− 0·3	− 0·6	− 3·3	− 5·5	− 6·8	− 8·7	−10·8	−16·3	−17·3	**−18·0**	−13·7	− 6·7	+ 3·4	+10·7	+14·0	+19·2	**+19·9**	+18·0	+13·5	+ 7·9	+ 2·2	− 0·7
Aug. ...	− 5·3	− 6·1	**−18·2**	−15·0	− 4·9	− 1·7	+ 0·2	+ 1·1	− 3·2	− 9·8	−14·1	−13·7	−10·3	− 1·9	+ 6·3	+ 9·5	+14·1	+17·8	**+18·7**	+13·6	+10·3	+ 7·5	+ 4·9	+ 0·1
Sept. ...	− 5·2	− 5·8	−25·7	**28·9**	−12·6	− 4·4	− 3·4	− 3·9	− 0·5	− 1·6	− 5·0	− 6·3	− 4·9	+ 1·5	+ 6·6	+ 9·6	+10·9	+19·9	**+29·1**	+22·6	+ 5·8	− 2·1	+ 2·1	+ 2·3
Oct. ...	− 9·9	−11·5	−14·3	−20·8	**−27·6**	−26·3	−17·3	− 6·7	+ 1·0	+ 2·2	+ 2·7	+ 4·3	+ 5·8	+ 9·6	+12·3	+13·5	+13·3	+12·4	+13·2	**+16·9**	+15·9	+12·7	+ 3·0	− 4·4
Nov. ...	− 7·4	− 8·7	− 9·1	− 8·9	− 9·2	9·7	− 9·5	− 9·5	− 9·0	−10·1	**−11·1**	− 9·9	− 8·0	− 1·1	+ 6·7	**+22·9**	+21·6	+13·3	+17·1	+18·3	+12·6	+11·1	+ 4·5	− 6·9
Dec. ...	− 3·9	− 3·8	− 2·3	4·2	**− 5·7**	− 3·4	3·3	− 2·0	− 2·2	+ 0·1	+ 1·1	+ 1·9	+ 2·3	+ 3·5	+ **4·1**	3·7	+ 2·7	+ 2·8	+ 2·6	+ 2·1	+ 2·7	+ 1·7	+ 0·8	− 1·4
Year ...	−11·6	−14·5	−16·5	**−16·7**	−13·8	−10·9	− 8·7	− 6·7	5·6	− 6·3	− 7·1	− 6·0	− 2·9	+ 3·2	+10·6	+17·3	+20·1	+20·7	**+22·7**	+18·4	+13·0	+ 6·8	+ 0·2	− 5·8
Winter ...	−11·7	**−16·6**	−12·6	− 9·9	− 9·3	− 8·7	− 8·5	− 7·3	− 6·6	− 5·5	− 5·4	− 3·6	− 1·7	+ 2·1	+ 6·9	+13·5	+13·9	+14·7	**+21·1**	+18·0	+13·9	+ 7·0	+ 0·9	− 4·8
Equinox ...	− 7·5	− 7·8	−13·6	**−16·8**	−13·6	−10·2	− 7·3	− 4·5	− 1·7	− 2·4	− 4·1	− 4·3	− 2·2	+ 3·1	+ 8·2	+11·1	+12·3	+14·4	**+16·6**	+15·6	+10·7	+ 5·8	+ 0·8	− 2·6
Summer ...	−15·5	−19·0	−23·2	**−23·4**	−18·6	−13·7	−10·4	− 8·3	− 8·5	−11·1	−11·9	−10·3	− 4·8	+ 4·3	+16·8	+27·2	**+34·2**	+33·2	+30·6	+21·5	+14·3	+ 7·6	− 1·3	− 9·9

DIURNAL INEQUALITIES OF THE MAGNETIC COMPONENTS, DECLINATION, INCLINATION AND HORIZONTAL FORCE.—SELECTED DISTURBED DAYS.

Departures from mean of the day adjusted for non-cyclic change.

DECLINATION (measured positive towards the West) (*Disturbed Days*).

274. Eskdalemuir. **1924.**

Month and Season.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
Jan. ...	−4·83	−3·46	−1·55	−2·13	−1·78	+0·45	+2·03	+1·03	+1·87	+3·06	+4·48	+4·29	**+5·60**	+5·48	+4·84	+1·42	+2·56	−2·00	−3·65	−0·76	**−6·15**	−4·01	−2·22	−4·58
Feb. ...	−0·70	−0·04	+0·40	+0·70	−0·10	−0·25	+0·39	+0·07	+0·06	+0·29	+1·79	+3·36	**+4·84**	+4·56	+3·78	+2·90	−0·53	−2·08	**−5·33**	−2·86	−2·36	−2·53	−4·17	−2·22
Mar. ...	−2·55	−2·83	−1·32	−2·55	−1·67	−1·90	−1·35	−1·91	−1·25	+0·68	+2·94	+5·63	+6·37	**+7·01**	+5·89	+3·06	+2·36	+2·19	+0·33	−1·41	**−7·80**	−4·78	−3·44	−1·70
April ...	−2·05	−2·86	−2·37	−1·93	−3·56	**−4·20**	−3·73	−3·83	−2·83	−1·30	+1·75	+4·41	+7·16	**+7·36**	+6·11	+4·86	+2·83	+1·21	−0·14	−0·85	−1·32	−1·67	−1·47	−1·60
May ...	**−4·97**	−3·83	−1·28	+1·67	+2·13	+1·15	−0·71	+0·02	−1·41	−0·46	+1·77	+3·42	**+4·30**	+3·59	+3·67	+3·86	+2·50	+1·44	−0·61	−1·60	−2·12	−4·72	−4·47	−3·35
June ...	−5·33	−4·40	−2·30	−0·35	−3·02	−3·30	−4·63	−3·62	−3·22	−1·75	+2·12	+4·51	+6·64	+7·87	+7·60	**+8·48**	+8·09	+3·61	+0·54	+0·35	−3·47	−3·48	−4·74	**−6·20**
July ...	−1·99	−2·39	−2·46	−4·13	−4·53	**−5·97**	−5·54	−5·50	−3·53	+0·33	+2·99	+5·32	+6·90	**+7·44**	+6·90	+5·37	+4·63	+2·80	+1·33	−0·71	−0·72	−2·78	−2·07	−1·08
Aug. ...	−3·81	**−5·30**	−2·80	−3·99	−4·24	−4·42	−4·99	−4·77	−3·61	−0·27	+3·38	+6·05	**+7·73**	+7·41	+6·16	+4·12	+3·23	+2·03	+0·76	+0·03	+0·16	+0·60	−0·71	−2·75
Sept. ...	−1·77	−3·79	+1·63	−4·39	−3·99	−3·78	−1·78	−1·07	−1·74	+1·33	+3·66	+5·43	+6·20	**+6·32**	+4·46	+3·54	+2·67	+1·01	−1·26	−2·48	**−4·98**	−1·75	−1·90	−1·61
Oct. ...	−6·51	**−6·83**	−3·91	−1·88	+2·84	+2·34	+2·49	−0·28	−1·31	+1·50	+2·08	+4·14	**+5·91**	+5·31	+2·93	+1·50	+1·74	+2·18	+2·30	+1·43	−1·50	−5·69	−4·98	−5·80
Nov. ...	−3·98	−2·94	−2·64	−2·61	−2·86	−2·74	−2·54	−2·41	−2·37	−0·64	+0·80	+2·56	+3·97	+4·51	**+6·51**	+4·93	+3·57	+4·41	+4·00	+1·57	−1·39	−2·54	−2·65	**−4·52**
Dec. ...	−2·47	**−3·02**	−1·92	−0·55	−2·07	−1·38	−0·69	−0·57	+0·17	+0·63	+2·11	+2·93	**+3·10**	+2·56	+2·01	+1·45	+1·56	+1·42	+1·92	+0·55	−1·67	−2·80	−1·26	−1·98
Year ...	−3·41	**−3·47**	−1·71	−1·85	−1·90	−2·00	−1·75	−1·90	−1·60	+0·28	+2·49	+4·34	+5·73	**+5·79**	+5·07	+3·79	+2·93	+1·52	+0·02	−0·56	−2·77	−3·01	−2·84	−3·17
Winter ...	−2·99	−2·37	−1·43	−1·15	−1·70	−0·98	−0·20	−0·47	−0·07	+0·83	+2·29	+3·29	**+4·38**	+4·28	+4·29	+2·67	+1·79	+0·44	−0·77	−0·37	−2·89	−2·97	−2·57	**−3·82**
Equinox ...	−3·22	**−4·08**	−1·49	−2·69	−1·59	−1·89	−1·09	−1·77	−1·78	+0·55	+2·61	+4·90	+6·41	**+6·50**	+4·85	+3·24	+2·40	+1·65	+0·31	−0·83	−3·89	−3·47	−2·95	−2·08
Summer ...	**−4·03**	−3·98	−2·21	−1·70	−2·41	−3·13	−3·97	−3·47	−2·94	−0·54	+2·57	+4·83	+6·39	**+6·58**	+6·08	+5·46	+4·61	+2·47	+0·51	−0·48	−1·54	−2·59	−3·00	−3·40

INCLINATION (*Disturbed Days*).

275. Eskdalemuir. **1924.**

Jan. ...	+0·16	−0·95	−1·05	−0·72	−1·07	**−1·32**	−1·26	−0·95	−0·57	−0·14	+0·26	+0·20	+0·10	−0·18	+0·11	+0·96	+0·31	+1·33	**+1·82**	+1·04	+1·24	+0·68	+0·30	−0·30
Feb. ...	−0·11	−0·07	−0·09	−0·27	−0·76	−0·70	**−0·85**	−0·68	−0·53	+0·19	+0·14	+0·89	**+0·93**	+0·70	+0·39	+0·38	+0·48	+0·03	+0·48	−0·29	−0·50	+0·34	−0·39	+0·20
Mar. ...	−0·71	−0·56	−0·59	**−0·83**	−0·82	−0·76	−0·62	+0·37	+1·07	+1·14	**+1·29**	+0·80	+0·75	+0·30	+0·35	+0·25	−0·20	−0·01	+0·08	−0·17	−0·17	+0·48	−0·67	−0·80
April ...	**−0·67**	−0·20	−0·17	−0·24	−0·46	−0·39	−0·28	+0·12	+0·46	+1·05	**+1·32**	+1·30	+0·56	+0·07	−0·56	−0·25	+0·29	−0·19	−0·13	+0·07	−0·48	−0·19	−0·44	−0·01
May ...	−0·88	−1·59	−1·18	−0·97	**−1·67**	−0·47	+1·11	+1·36	+2·42	**+2·66**	+2·20	+1·45	+0·69	−0·06	−0·71	−1·34	+1·19	−1·29	−0·83	−0·43	+0·21	+0·10	+0·26	+0·15
June ...	+0·46	+0·18	−0·36	−0·27	+0·11	−0·11	+0·71	+1·25	+1·54	+2·54	**+2·72**	+1·61	+0·54	−0·61	−1·55	**−2·81**	−2·54	−1·13	−0·96	−0·62	+0·36	−0·19	−0·37	−0·88
July ...	+0·11	+0·33	+0·17	+0·16	−0·04	+0·10	+0·29	+0·67	+1·28	**+1·42**	+1·14	+0·73	+0·28	−0·45	−0·26	−0·41	−0·85	**−1·40**	−1·37	−1·16	−0·43	−0·29	+0·11	−0·12
Aug. ...	**−0·80**	−0·78	−0·56	−0·70	−0·13	+0·20	+0·49	+0·98	+1·33	**+1·66**	−1·38	+0·68	+0·02	−0·28	−0·45	−0·28	−0·43	−0·57	−0·41	+0·20	−0·05	−0·39	−0·46	−0·05
Sept. ...	−0·79	−0·53	−1·17	−0·97	−0·76	−0·23	+0·45	+0·50	+1·14	**+1·91**	+1·29	+0·67	+0·31	+0·21	−0·09	−0·39	−0·92	−0·55	+0·36	+0·31	−0·32	+0·27	−0·20	−0·51
Oct. ...	−0·34	−0·22	−0·80	−1·14	**−1·82**	−1·79	−0·76	+0·24	+1·29	**+1·58**	+1·17	+1·19	+1·03	+1·02	+0·46	+0·07	−0·02	−0·19	−0·15	+0·02	−0·23	−0·56	−0·01	−0·02
Nov. ...	+0·06	−0·05	−0·25	−0·35	−0·58	**−0·79**	−0·54	−0·54	−0·21	−0·02	−0·16	−0·21	−0·20	+0·19	+0·39	**+1·10**	+0·60	−0·25	+0·12	+0·32	+0·34	+0·62	+0·29	+0·12
Dec. ...	+0·55	+0·53	+0·51	+0·23	−0·36	−0·28	−0·41	−0·17	+0·09	+0·60	**+0·95**	+0·50	+0·27	+0·01	−0·20	−0·26	−0·33	−0·48	**−0·53**	−0·48	−0·34	−0·18	−0·09	−0·12
Year ...	−0·25	−0·33	−0·46	−0·51	**−0·70**	−0·55	−0·14	+0·26	+0·78	**+1·22**	+1·14	+0·82	+0·44	+0·08	−0·14	−0·25	−0·40	−0·39	−0·13	−0·10	−0·03	+0·06	−0·14	−0·29
Winter ...	+0·17	−0·13	−0·22	−0·28	−0·69	**−0·77**	−0·77	−0·59	−0·31	+0·16	+0·30	+0·35	+0·27	+0·18	+0·17	**+0·55**	+0·27	+0·16	+0·47	+0·15	+0·19	+0·37	+0·03	0·00
Equinox ...	−0·63	−0·38	−0·68	−0·79	**−0·97**	−0·79	−0·30	+0·31	+0·99	**+1·42**	+1·27	+0·99	+0·66	+0·40	+0·04	−0·08	−0·21	−0·23	+0·04	+0·06	−0·30	0·00	−0·33	−0·49
Summer ...	−0·28	−0·47	−0·48	−0·45	−0·43	−0·07	+0·65	+1·07	+1·64	**+2·07**	+1·86	+1·12	+0·38	−0·35	−0·64	−1·21	**−1·25**	−1·10	−0·89	−0·50	+0·02	−0·19	−0·11	−0·37

HORIZONTAL FORCE (*Disturbed Days*).

276. Eskdalemuir. **1924.**

Jan. ...	**14·6**	− 5·5	+ 1·9	+ 2·7	+10·3	**+14·4**	+13·6	+10·1	+ 5·0	− 0·7	− 6·1	− 3·9	− 1·7	+ 3·7	+ 1·3	− 8·5	+ 1·6	− 8·6	− 7·0	+ 1·0	− 3·8	− 4·6	− 3·2	+ 1·0
Feb. ...	+ 0·7	+ 0·7	+ 0·6	+ 2·2	+ 8·6	+ 7·7	**+10·0**	+ 7·6	+ 5·8	− 4·4	− 4·3	**14·7**	14·1	9·2	2·5	1·1	− 1·9	+ 4·2	− 3·1	+ 6·0	− 7·9	− 4·9	− 3·0	5·5
Mar. ...	+ 5·9	− 3·4	+ 3·4	+ 6·9	+ 8·1	+ 8·5	+ 7·2	6·3	16·0	17·3	**19·9**	− 13·1	−11·6	− 3·6	− 2·1	+ 0·2	− 7·8	+ 5·0	− 4·5	− 7·9	+ 7·9	− 4·5	− 8·3	**8·7**
April ...	+ 8·9	+ 2·7	+ 2·4	+ 2·5	+ 5·6	+ 5·0	+ 3·0	− 3·7	− 9·4	19·1	**24·1**	− 23·8	−11·5	− 1·5	**−10·3**	+ 7·7	+ 0·1	+ 0·7	+ 5·1	+ 2·2	− 9·5	+ 4·8	+ 7·4	− 9·0
May ...	+ 3·8	+12·4	+ 4·4	− 0·2	+ 8·5	− 5·1	−25·5	−27·3	−41·1	**−43·0**	−34·8	−21·0	− 6·5	+ 8·8	+21·5	+34·5	**+36·2**	+34·2	+27·1	+17·5	+ 4·8	+ 3·5	− 4·0	− 8·8
June ...	−18·6	−17·3	− 8·9	−10·3	− 9·9	− 4·0	−14·6	−21·1	−25·3	−41·1	**−44·4**	−28·0	−10·0	+ 10·9	+ 27·4	**+60·0**	+ 59·7	+ 37·3	+ 30·7	+ 18·4	− 0·8	+ 3·3	+ 1·2	+ 5·1
July ...	− 1·7	− 4·9	− 2·7	− 2·6	− 0·6	− 3·6	− 6·9	−13·2	−23·0	**−27·1**	−23·4	−17·6	− 9·2	+ 4·3	+ 5·1	+10·1	+ 17·9	**+27·9**	+ 27·8	+ 24·0	+ 11·4	+ 7·3	− 0·8	+ 1·5
Aug. ...	+ 9·9	+ 9·4	+ 1·6	+ 4·8	+ 0·2	− 3·6	− 7·2	−14·1	−21·0	**−28·3**	−25·7	−15·3	− 4·1	+ 3·4	+ 9·0	+ 7·7	+ 11·7	**+15·1**	+ 13·0	+ 2·0	+ 4·6	+ 8·6	+ 8·7	+ 9·6
Sept. ...	+ 9·8	+ 5·7	+ 7·8	+ 3·8	+ 6·6	+ 1·8	− 8·0	− 8·9	−17·2	**−29·0**	−21·0	−12·4	− 6·4	− 2·5	+ 3·8	+ 9·3	**+17·7**	+15·5	+ 5·4	+ 3·7	+ 6·9	− 4·8	+ 3·7	+ 8·9
Oct. ...	+ 1·5	− 0·9	+ 6·6	+ 9·3	+16·8	**+16·8**	+ 4·9	− 6·1	−18·9	**−22·7**	−16·4	−16·1	−13·1	−11·6	− 2·3	+ 4·0	+ 5·3	+ 7·5	+ 7·1	+ 6·1	+ 9·4	+13·1	+ 1·3	− 1·4
Nov. ...	− 3·6	− 2·5	+ 0·3	+ 1·9	+ 5·2	+ 8·1	+ 4·6	+ 4·4	− 0·2	− 3·5	− 1·8	− 0·5	+ 0·1	− 3·2	− 3·3	**− 7·8**	− 0·9	**+ 8·7**	+ 4·5	+ 2·1	− 0·5	− 5·1	− 2·6	− 4·3
Dec. ...	− 9·7	− 9·2	− 8·4	− 5·0	+ 3·2	+ 2·9	+ 4·8	+ 1·8	− 2·2	− 8·8	**−13·7**	− 6·8	− 3·2	+ 1·2	+ 4·6	+ 5·2	+ 5·9	+ 8·2	**+ 8·9**	+ 8·0	+ 6·1	+ 3·3	+ 1·6	+ 1·2
Year ...	− 0·6	− 0·5	+ 0·7	+ 1·3	+ 5·2	+ 4·1	− 1·2	− 6·4	−13·6	**−20·4**	−19·6	−14·4	− 7·6	+ 0·1	+ 6·1	+10·1	+13·4	**+13·5**	+10·3	+ 8·3	+ 5·3	+ 1·7	+ 2·1	+ 2·1
Winter ...	− 6·8	− 4·1	− 1·4	+ 0·5	+ 6·8	**+ 8·3**	+ 8·3	+ 6·0	+ 2·1	− 4·3	− 6·5	− 6·5	− 4·7	− 1·9	0·0	− 3·1	+ 1·2	+ 3·1	+ 0·8	+ 4·5	+ 2·4	− 2·8	− 0·1	− 1·7
Equinox ...	+ 6·5	+ 2·7	+ 5·1	+ 5·6	**+ 9·3**	+ 8·0	+ 1·8	− 6·3	−15·4	**−22·0**	−20·3	−16·3	−10·7	− 4·8	+ 2·4	+ 5·3	+ 7·7	+ 8·8	+ 5·5	+ 5·0	+ 8·4	+ 2·1	+ 5·2	+ 6·2
Summer ...	− 1·7	− 0·1	− 1·4	− 2·1	− 0·5	− 4·1	−13·5	−18·9	−27·6	**−34·9**	−32·1	−20·5	− 7·5	+ 6·9	+15·7	+28·1	**+31·4**	+28·6	+24·7	+15·5	+ 5·0	+ 5·7	+ 1·3	+ 1·9

RANGE OF MEAN DIURNAL INEQUALITIES FOR THE MONTHS, YEAR, AND SEASONS OF 1924.

NOTE.—The ranges are those shown in Tables 259 to 276, in the preparation of which the non-cyclic change has been eliminated.

277. Eskdalemuir. **1924.**

Month and Season.	"All" Days.			Quiet Days.			Disturbed Days.			"All" Days.			Quiet Days.			Disturbed Days.		
	N.	W.	V.	N.	W.	V.	N.	W.	V.	D.	I.	H.	D.	I.	H.	D.	I.	H.
	γ	γ	γ	γ	γ	γ	γ	γ	γ	′	′	γ	′	′	γ	′	′	γ
January ...	12·8	24·5	22·1	8·1	14·6	5·8	25·1	56·3	106·6	5·24	0·91	10·9	2·94	0·54	7·7	11·75	3·14	29·0
February ...	20·1	20·5	8·7	20·4	15·7	5·2	30·9	44·4	21·9	4·90	1·09	16·4	3·88	1·06	16·7	10·17	1·78	24·7
March ...	30·5	36·5	15·7	21·9	31·2	11·2	41·2	65·8	30·1	8·42	1·70	26·8	6·75	1·06	17·7	14·82	2·12	28·6
April ...	34·5	44·9	17·5	34·0	45·4	16·4	40·1	52·8	24·0	9·55	1·93	34·3	9·48	1·91	33·2	11·56	1·99	34·4
May ...	44·2	39·4	25·9	40·4	35·5	20·9	72·2	49·7	94·0	8·40	2·58	46·4	7·78	2·39	41·0	9·27	4·33	79·2
June ...	50·5	49·2	27·5	46·2	46·4	17·6	92·1	86·1	98·4	10·34	2·86	51·4	9·96	2·83	47·1	14·68	5·53	104·4
July ...	46·6	52·9	21·2	46·5	54·3	19·6	51·4	65·2	37·9	10·75	2·83	47·8	11·21	2·90	47·0	13·41	2·82	55·0
August ...	41·5	48·7	19·3	36·1	47·4	19·6	45·3	61·6	36·9	10·36	2·40	40·3	9·99	2·21	35·4	13·03	2·46	43·4
September	38·3	40·2	18·4	42·4	51·8	17·5	43·2	49·9	58·0	9·07	2·07	35·4	10·55	2·65	41·1	11·25	3·08	46·7
October ...	32·9	34·6	11·0	30·7	36·7	11·0	44·0	56·0	44·5	7·14	2·02	29·6	7·56	1·76	29·5	12·74	3·40	39·5
November...	18·1	24·3	11·6	20·7	13·9	6·1	25·6	51·8	34·0	5·43	0·97	15·2	3·31	1·19	18·5	11·04	1·89	16·5
December...	11·6	16·1	5·1	6·6	12·9	5·6	24·1	30·1	9·8	3·53	0·68	9·8	2·75	0·36	5·7	6·12	1·48	22·6
Year ...	28·9	32·7	15·4	27·8	31·8	12·2	33·2	43·3	39·4	7·13	1·50	27·6	6·97	1·58	26·8	9·26	1·92	33·9
Winter ...	15·2	20·2	10·2	13·3	12·9	5·1	19·9	36·0	37·7	4·50	0·80	11·9	3·06	0·67	10·7	7·71	1·32	15·1
Equinox ...	33·0	38·6	14·8	30·8	39·9	13·2	36·4	47·3	33·4	8·32	1·79	30·1	8·43	1·79	29·5	10·58	2·39	31·3
Summer ...	45·7	47·4	23·0	41·8	45·0	18·7	58·5	55·4	57·6	9·88	2·61	45·4	9·70	2·55	41·8	10·61	3·32	66·3

NON-CYCLIC CHANGE (24h.—0h.).

278. Eskdalemuir. **1924.**

Month.	"All" Days.			Quiet Days.			Disturbed Days.		
	N.	W.	V.	N.	W.	V.	N.	W.	V.
	γ	γ	γ	γ	γ	γ	γ	γ	γ
January ...	+0·1	−0·1	−0·1	+2·8	+5·6	−1·0	−8·4	−8·0	+2·0
February ...	+0·5	0·0	−0·7	+1·0	+0·8	−0·6	−2·6	−1·0	+0·6
March ...	+0·2	−0·2	−0·3	+5·0	+2·6	−0·8	0·0	−5·4	−7·2
April ...	+0·3	−0·1	−0·1	+0·4	+4·6	+2·6	−7·2	−11·0	+2·2
May ...	0·0	−0·1	+0·4	+3·0	+1·8	−1·2	−6·8	−2·4	+0·6
June ...	+0·4	−0·2	+0·1	+2·2	+2·8	−0·2	−10·0	−7·2	+3·2
July ...	−0·9	−0·2	+1·2	+4·4	+0·4	+0·2	−1·8	−6·4	−1·8
August ...	+0·2	+0·2	+0·3	+1·0	−0·2	+1·0	−3·4	−3·2	+2·0
September	−0·1	−0·4	−0·1	+3·6	+0·2	+0·8	−3·6	−5·8	−1·0
October ...	−0·6	−0·9	+0·1	+1·4	−0·2	−0·8	−2·8	−11·0	+1·0
November...	+0·5	0·0	−0·6	+2·8	+1·8	−1·8	−7·2	−32·6	−3·6
December...	+0·7	+0·9	−0·3	+1·0	+3·4	−0·8	−8·8	−3·4	+4·7
Year 1924...	—	—	—	—	—	—	—	—	—

MEAN VALUE OF THE SQUARES OF THE ABSOLUTE DAILY RANGES.

(Unit, 100γ².)

279. Eskdalemuir. **1924.**

R_N^2	R_W	R^2	$R_N^2 + R_W^2$	$R_N^2 + R_W^2 + R_V^2$	Mean Character Figure.
59·1	81·4	60·9	140·5	201·5	0·65
32·0	40·3	*6·2	72·3	*80·2	0·52
51·0	60·1	9·3	111·1	120·3	0·65
32·6	37·0	6·6	69·6	76·2	0·37
81·6	57·2	50·0	138·9	188·9	0·61
107·6	90·9	59·6	198·6	258·2	0·60
48·2	50·6	9·4	98·8	108·3	0·65
39·0	41·8	†97·2	80·9	†89·4	0·39
55·5	61·2	18·4	116·7	135·0	0·70
38·7	44·6	8·5	83·3	91·8	0·55
‡24·5	34·2	‡11·6	‡59·7	‡71·3	0·47
13·0	†18·3	2·0	†31·6	†33·5	0·32
48·6	51·5	28·3	100·2	121·2	0·54

* Mean of 27 days ; † Mean of 30 days ; ‡ Mean of 29 days.

MEAN MONTHLY AND ANNUAL VALUES OF TERRESTRIAL MAGNETIC ELEMENTS.

(All days except those noted in monthly tables.)

280. Eskdalemuir. **1924.**

Month.	North.	West.	Vertical	Total.	Declination (West).		Inclination (North).		Horizontal Force.
	γ	γ	γ	γ	°	′	°	′	γ
January ...	16013	4628	44940	47932	16	7·2	69	39·0	16668
February ...	16014	4624	44937	47929	16	6·4	69	39·0	16668
March ...	16017	4620	44933	47926	16	5·4	69	38·7	16670
April ...	16025	4615	44925	47920	16	3·9	69	38·1	16676
May ...	16028	4610	44922	47918	16	2·8	69	37·9	16678
June ...	16030	4603	44927	47923	16	1·3	69	38·0	16678
July ...	16030	4598	44938	47933	16	0·3	69	38·4	16676
August ...	16032	4596	44949	47943	15	59·8	69	38·6	16678
September ...	16029	4588	44952	47944	15	58·4	69	39·0	16673
October ...	16028	4583	44949	47941	15	57·4	69	39·1	16670
November ...	16027	4577	44944	47935	15	56·3	69	39·1	16668
December ...	16030	4571	44936	47928	15	54·9	69	38·9	16669
Year 1924 ...	16025	4601	44938	47931	16	1·2	69	38·7	16673

Values of a_n, b_n in the series Σ ($a_n \cos 15nt° + b_n \sin 15nt°$), t being reckoned in hours from midnight G.M.T.

(Longitude of Eskdalemuir Observatory, 3° 12′ W.)

281. Eskdalemuir. **1924.**

Month and Season.	North Component.								West Component.								Vertical Component.							
	a_1.	b_1.	a_2.	b_2.	a_3.	b_3.	a_4.	b_4.	a_1.	b_1.	a_2.	b_2.	a_3.	b_3.	a_4.	b_4.	a_1.	b_1.	a_2.	b_2.	a_3.	b_3.	a_4.	b_4.
													"All" Days.											
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan.	+ 1·8	+ 2·0	− 3·4	−1·1	+0·9	−1·2	−0·1	+0·5	− 8·7	− 0·4	+0·2	+ 3·1	−1·1	−0·7	+0·9	+0·5	+0·6	− 7·6	−2·5	−2·8	−0·5	−1·2	−0·1	−0·1
Feb.	+ 5·5	+ 1·3	− 4·2	−1·7	+2·5	−1·0	−0·5	+0·6	− 6·1	− 1·9	+1·9	+ 4·1	+0·5	−1·4	0·0	+1·3	+0·7	− 3·7	−1·7	+0·1	+0·7	+0·4	−0·4	−0·5
Mar.	+11·6	+ 0·8	− 6·0	−0·9	+2·9	−2·0	−0·4	+0·7	− 8·9	− 6·8	+3·5	+ 8·7	−1·7	−3·3	+2·0	+1·3	+1·2	− 5·4	−3·8	−1·4	+1·4	+0·6	−0·9	−0·3
Apr.	+12·8	− 1·9	− 7·7	+1·0	+3·7	−1·8	−0·5	+1·3	− 5·7	−12·0	+4·3	+ 9·4	−2·2	−4·0	+0·9	+1·8	+4·4	− 2·6	−4·2	−0·7	+1·9	+0·2	−0·8	−0·2
May	+13·5	− 7·5	− 8·8	+3·3	+1·3	−1·1	+0·8	+1·4	− 6·2	−12·5	+3·2	+ 8·0	−3·3	−2·2	+1·0	−0·1	+4·2	− 7·8	−5·5	−0·9	+1·8	0·0	−0·5	+0·6
June	+14·8	− 7·7	−11·3	+1·0	+2·5	−1·0	+0·6	0·0	− 5·5	−18·3	+2·9	+10·7	−1·9	−2·0	+0·3	+0·2	+1·8	− 7·6	−7·6	−1·9	+2·1	+0·7	+0·1	−0·3
July	+13·9	− 6·8	−10·6	+2·2	+0·8	−1·5	+0·6	+1·2	− 6·1	−18·5	+4·8	+ 9·5	−3·4	−1·9	+0·8	+0·5	+4·5	− 3·7	−5·3	−1·1	+1·1	+0·4	−0·7	+0·1
Aug.	+14·7	− 5·1	− 8·0	+2·4	+2·0	−1·5	+0·5	+1·1	− 6·2	−14·0	+7·4	+ 8·1	−4·2	−3·4	+0·4	+0·8	+4·1	− 2·2	−5·2	−0·6	+2·8	−0·2	−0·3	−0·1
Sept.	+15·0	− 3·1	− 7·5	+2·2	+1·5	−2·2	+0·5	+1·2	−10·5	−10·6	+4·9	+ 6·6	−3·2	−2·3	+1·8	+1·8	+2·1	− 5·2	−4·0	−1·4	+2·1	−0·1	−0·4	+0·3
Oct.	+13·0	− 0·3	− 6·7	0·0	+2·1	−2·1	+0·1	+0·7	− 7·2	− 7·1	−0·5	+ 6·4	−4·0	−3·9	+2·3	+1·6	+0·5	− 4·4	−1·2	−1·4	+1·4	+0·2	−1·2	−0·3
Nov.	+ 4·5	+ 2·4	− 4·4	−1·1	+1·2	−1·1	+0·7	+0·5	− 7·7	− 3·0	−0·8	+ 4·9	−2·3	−0·4	+0·7	+1·0	+0·9	− 4·7	−1·9	+0·1	+0·6	−0·7	−0·7	−0·3
Dec.	+ 2·2	+ 1·0	− 2·6	−1·0	+1·1	−1·5	+0·1	+0·5	− 5·2	− 1·8	+0·4	+ 2·8	−1·3	−0·6	+0·8	+0·6	+0·4	− 2·7	−0·3	0·0	+0·2	−0·2	−0·3	−0·2
Year	+10·3	− 2·1	− 6·8	+0·5	+1·9	−1·5	+0·2	+0·8	− 7·0	− 8·9	+2·7	+ 6·9	−2·4	−2·2	+1·0	+0·9	+2·1	− 4·8	−3·6	−1·0	+1·3	0·0	−0·5	−0·1
W.	+ 3·5	+ 1·7	− 3·7	−1·2	+1·4	−1·2	0·0	+0·5	− 6·9	− 1·8	+0·4	+ 3·7	−1·3	−0·8	+0·6	+0·9	+0·6	− 4·7	−1·6	−0·7	+0·2	−0·4	−0·4	−0·3
Eq.	+13·1	− 1·1	− 7·0	+0·6	+2·6	−2·0	−0·1	+1·0	− 8·1	− 9·1	+3·0	+ 7·8	−2·8	−3·4	+1·7	+1·6	+2·1	− 4·4	−3·3	−1·2	+1·7	+0·2	−0·9	−0·1
S.	+14·2	− 6·8	− 9·7	+2·2	+1·6	−1·3	+0·6	+0·9	− 6·0	−15·8	+4·6	+ 9·1	−3·2	−2·4	+0·6	+0·3	+3·6	− 5·3	−5·9	−1·1	+1·9	+0·2	−0·4	+0·1
													Quiet Days.											
Year	+ 9·9	− 2·1	− 6·6	+0·7	+1·8	−1·2	+0·1	+0·7	− 3·8	− 7·8	+4·0	+ 6·0	−2·9	−2·6	+1·1	+1·0	+3·2	− 0·7	−3·1	−0·1	+1·7	+0·1	−0·7	−0·1
W.	+ 3·2	+ 0·4	− 3·8	−1·2	+1·4	−0·6	−0·3	+0·2	− 3·6	− 1·3	+0·8	+ 2·6	−1·5	−0·8	+0·8	+0·6	+1·1	− 1·3	−0·9	+0·2	+0·6	−0·1	−0·3	0·0
Eq.	+11·5	− 2·1	− 6·6	+1·8	+2·4	−1·7	−0·3	+1·1	− 4·8	− 8·7	+5·1	+ 7·2	−3·6	−4·0	+1·5	+1·9	+3·4	− 0·3	−3·2	−0·2	+2·3	+0·1	−1·0	−0·2
S.	+15·1	− 4·5	− 9·5	+1·6	+1·6	−1·3	+0·8	+0·8	− 3·0	−13·6	+6·2	+ 8·3	−3·7	−2·8	+1·1	+0·5	+5·0	− 0·5	−5·2	−0·2	+2·3	+0·1	−0·7	0·0
													Disturbed Days.											
Year	+10·7	− 3·8	− 8·0	+1·8	+2·2	−1·7	+0·6	+0·6	−14·2	−11·2	−0·6	+ 8·5	−1·8	−2·4	+1·4	+0·4	−1·3	−16·5	−5·9	−3·4	+1·4	+0·3	−0·4	0·0
W.	+ 4·7	+ 2·7	− 5·1	−3·0	+0·9	−1·7	+0·3	+0·5	−14·0	− 4·2	−0·7	+ 4·6	−0·9	−1·9	−0·2	+1·0	−0·6	−13·7	−4·9	−3·5	−0·9	−0·9	−0·5	−0·8
Eq.	+14·3	− 0·6	− 7·2	+2·0	+2·2	−2·3	+0·4	+0·1	−14·5	− 9·5	+0·4	+ 8·6	−1·8	−2·9	+3·2	+1·6	−1·0	−12·6	−2·8	−3·8	+1·5	+0·8	−0·9	+1·0
S.	+13·1	−13·6	−11·6	+6·5	+3·5	−1·1	+1·1	+1·1	−14·1	−19·9	−1·4	+12·2	−2·8	−2·5	+1·2	−1·5	−2·4	−23·2	−9·9	−3·0	+3·6	+1·0	+0·1	−0·3

HARMONIC COMPONENTS OF THE DIURNAL INEQUALITY OF MAGNETIC FORCE.

Values of c_n, α_n in the series $\Sigma c_n \sin (15nT° + \alpha_n)$, T being Mean Local Time reckoned in hours from midnight.

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Month and Season.	North Component.								West Component.								Vertical Component.							
	c_1.	α_1.	c_2.	α_2.	c_3.	α_3.	c_4.	α_4.	c_1.	α_1.	c_2.	α_2.	c_3.	α_3.	c_4.	α_4.	c_1.	α_1.	c_2.	α_2.	c_3.	α_3.	c_4.	α_4.
													"All" Days.											
	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°	γ	°
Jan.	2·7	45·2	3·6	258·7	1·5	151·2	0·5	355·7	8·7	270·7	3·1	9·7	1·3	247·1	1·1	72·9	7·7	179·0	3·8	227·8	1·3	213·1	0·1	232·2
Feb.	5·7	80·3	4·6	54·0	2·7	120·7	0·8	329·5	6·4	255·6	4·6	31·3	1·5	170·7	1·3	14·7	3·8	173·2	1·7	278·4	0·8	67·0	0·7	233·9
Mar.	11·6	89·1	6·1	268·2	3·5	134·5	0·8	344·9	11·2	235·7	9·4	28·1	3·7	216·4	2·4	69·3	5·5	170·7	4·0	256·5	1·6	76·8	1·0	263·7
April	13·0	101·7	7·7	284·0	4·2	125·3	1·4	350·0	13·3	208·6	10·3	31·2	4·5	218·1	2·0	39·2	5·1	124·4	4·2	266·7	1·9	93·0	0·9	269·4
May	15·4	122·3	9·4	297·0	1·7	138·7	1·6	41·8	14·0	209·4	8·7	28·4	7·8	246·1	1·0	107·6	8·9	155·3	5·6	266·8	1·8	98·6	0·8	334·1
June	16·6	120·7	11·3	281·5	2·7	122·2	0·6	100·8	19·1	200·1	11·1	21·8	2·7	233·1	0·4	72·4	7·8	169·7	7·8	262·3	2·2	81·6	0·3	173·5
July	15·5	119·2	10·8	288·1	1·7	162·5	1·4	39·3	19·4	201·3	10·6	33·0	3·9	250·9	0·9	72·0	5·9	132·8	5·5	264·9	1·1	77·6	0·7	289·4
Aug.	15·5	112·5	8·3	292·9	2·5	137·4	1·2	34·8	15·3	206·9	10·9	48·8	5·4	240·3	0·8	37·8	4·6	121·5	5·3	269·9	2·8	104·1	0·3	273·3
Sept.	15·3	104·8	7·9	292·8	2·6	154·6	1·3	36·7	14·9	227·9	8·2	42·8	3·9	243·3	2·5	58·6	5·6	160·7	4·3	257·4	2·1	101·5	0·6	320·2
Oct.	13·0	94·7	6·7	273·4	3·0	145·6	0·7	23·2	10·1	228·7	6·4	1·7	5·6	234·8	2·8	67·7	4·4	176·4	1·8	227·1	1·4	91·8	1·3	270·4
Nov.	5·1	65·1	4·5	262·3	1·6	141·5	0·9	65·8	8·2	251·6	5·0	357·6	2·3	270·7	1·3	46·4	4·8	172·0	1·9	279·2	1·0	147·7	0·8	261·8
Dec.	2·4	68·7	2·8	255·1	1·9	153·1	0·5	28·7	5·5	254·2	2·8	14·5	1·4	253·9	1·0	64·7	2·7	173·7	0·3	268·9	0·3	142·1	0·3	248·3
Year	10·5	104·6	6·8	280·9	2·4	138·2	0·8	26·4	11·3	221·3	7·4	27·8	3·2	237·5	1·4	59·1	5·2	159·4	3·7	260·8	1·3	98·8	0·5	272·9
W.	3·9	67·8	3·9	257·7	1·9	139·1	0·5	17·5	7·1	258·7	3·8	13·0	1·5	248·7	1·1	47·9	4·7	175·3	1·7	253·2	0·5	158·7	0·5	247·8
Eq.	13·2	98·1	7·0	281·4	3·3	138·1	1·0	8·6	12·2	224·7	8·3	27·7	4·4	228·5	2·4	60·0	4·9	158·1	3·5	256·2	1·7	91·8	0·9	275·2
S.	15·7	118·7	9·9	289·3	2·1	137·8	1·1	46·0	16·9	203·9	10·2	33·2	4·0	243·1	0·7	74·0	6·4	148·9	6·0	265·6	1·9	92·8	0·4	297·0
													Quiet Days.											
Year	10·1	104·9	6·7	282·8	2·2	132·2	0·7	21·1	8·7	209·1	7·3	40·2	3·9	238·4	1·5	62·3	3·2	105·8	3·1	275·0	1·7	97·4	0·7	276·4
W.	3·2	85·2	3·9	259·4	1·5	121·8	0·3	324·5	3·9	253·7	2·7	23·5	1·7	249·8	1·0	65·9	1·7	143·4	0·9	288·9	0·6	104·2	0·3	286·2
Eq.	11·7	103·7	6·9	291·5	3·0	134·0	1·1	359·9	9·9	212·2	8·8	41·5	5·4	231·3	2·4	52·1	3·4	97·8	3·2	272·8	2·3	96·8	1·0	268·8
S.	15·8	109·7	9·6	286·0	2·0	137·5	1·2	57·0	13·9	195·7	10·3	43·3	4·7	242·4	1·2	80·3	5·0	99·0	5·2	273·9	2·3	96·0	0·7	283·5
													Disturbed Days.											
Year	11·4	112·9	8·2	289·4	2·8	137·2	0·8	58·3	18·1	235·0	8·5	2·5	3·0	226·5	1·4	88·2	16·6	187·9	6·8	246·1	1·4	87·3	0·4	278·1
W.	5·4	63·9	5·9	246·0	2·0	161·1	0·6	38·9	12·6	256·6	4·6	357·5	2·1	214·6	1·0	2·1	13·8	185·6	6·0	241·0	1·3	235·7	0·9	223·8
Eq.	14·3	95·5	7·4	291·8	3·2	146·3	0·4	91·2	17·3	240·0	8·6	8·8	3·3	221·2	3·6	76·3	12·6	187·9	4·7	222·7	1·7	71·2	1·4	328·9
S.	18·9	139·3	13·3	305·8	3·7	116·4	1·5	56·7	24·4	218·5	12·3	0·0	3·7	237·8	1·9	155·4	23·4	189·2	10·3	259·4	3·7	83·9	0·3	171·3

SEISMOLOGICAL DIARY : *Instruments.*—Two horizontal and one vertical Galitzin Seismographs, with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

283. Eskdalemuir. **1924.**

Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N.	Amplitudes. A_E.	△	Remarks.
		h. m. s.	s.	μ	μ	km.	
Jan.							
2	...	9 2 to	...	...	...	...	Small disturbance.
		9 10					
4	...	12 45 to	...	...	...	...	Traces of waves.
		12 55					
7	...	10	...	...	...	...	Record spoiled by clock defects.
14	P	21 2 52	...	...	...	9000	
	S	21 13 2	...	...	...	...	
	SR_1	21 19	...	...	...	...	
	L	21 29	...	...	...	...	
	M_N	21 43	20	55	...	...	
	F	23 45	...	...	...	...	
18	e	15 12 31	...	...	...	...	
	e	15 16	...	...	...	...	
	L	15 23	...	...	...	...	
	F	15 45	...	...	...	...	
20	e	22 55	...	...	...	...	Very feeble disturbance.
	F	23 15	...	...	...	...	
21	P_N	2 3 32	...	...	...	7280	
	i_Z	2 5 19	...	...	...	...	
	e_E	2 12 9	...	...	...	...	
	iS_N	2 12 15	...	...	...	...	
	F	3 25	...	...	...	...	
22	e	11 16	...	...	...	...	Confused by microseisms.
	L	11 20	...	...	...	...	
	F	11 40	...	...	...	...	
27	...	5 10 to	...	...	...	...	Disturbance confused by microseisms.
		5 30	...	...	...	...	
29	eP	2 8 56	...	...	...	?9320	
	e (PR_1)	2 13 5	...	...	...	...	
	S	2 19 22	...	...	...	...	
	i	2 21 56	...	...	...	...	
	L	2 37	...	...	...	...	
	M_E	3 0	18	...	28	...	
	F	4 50	...	...	...	...	
30	e	0 27 7	...	...	...	...	
	e	0 32	...	...	...	...	
	e	0 35·5	...	...	...	...	
	e (?L)	0 41	...	...	...	...	
	F	1	...	...	...	...	
30	...	5 to	...	...	...	...	Traces of disturbance.
		6	...	...	...	...	
Feb.							
9	L	23 26	...	...	...	...	
	F	23 40	...	...	...	...	
11	e	6 36 16	...	...	...	...	
	e	6 52	...	...	...	...	
	L	7 5	...	...	...	...	
	F	8	...	...	...	...	
13	e	23 20	...	...	...	...	
	L	23 48	...	...	...	...	
	F	0 40	...	...	...	...	
14	L	19 35	...	...	...	...	
	F	20	...	...	...	...	
16	e	9 10 50	...	...	...	...	
	L	9 13	...	...	...	...	
	F	9 35	...	...	...	...	
16	...	10 15 to	...	...	...	...	Traces of very feebly developed waves.
		10 20	...	...	...	...	
18	?P	17 10 45	...	...	...	...	
	?S	17 15 50	...	...	...	...	
	L	17 20	...	...	...	...	
	M_E	17 26 30	16	...	+17	...	
	M_N	17 26 55	16	+17	...	...	
	F	18 10	...	...	...	...	
Feb.							
19	e	7 7	...	...	...	...	
	i (S)	7 12 54	...	...	...	...	
	e	7 14 48	...	...	...	...	
	L	7 17·5	...	...	...	...	
	F	8	...	...	...	...	
22	e_E	15 38 24	...	...	...	...	
	M_N	15 41	10	5	...	...	
	F	15 45	...	...	...	...	
26	...	23 25 to	...	...	...	...	Very feebly developed traces.
		23 35	...	...	...	...	
27	...	0 31 to	...	...	...	...	Very feebly developed traces.
		0 45	...	...	...	...	
Mar.							
4	P_Z	10 19 42	...	...	...	...	No horizontal component records.
	L_Z	10 44	...	...	...	...	
	$?L_Z$	12 27	...	...	...	...	
	F	13 10	...	...	...	...	
10	e	18 23 11	...	...	...	...	
	F	18 26	...	...	...	...	
11	$?S_E$	11 2 54	...	...	...	...	
	L_N	11 14	...	...	...	...	
	F	12	...	...	...	...	
12	iP_Z	13 56 59	...	...	...	...	No horizontal component records.
	F	14 40	...	...	...	...	
13	e_Z	13 15	...	...	...	...	
	F	13 30	...	...	...	...	
16	e_Z?P	10 22 26	...	...	...	...	
	i_Z ? S	10 26 8	...	...	...	...	
	F	11	...	...	...	...	
22	i_Z	12 56 17	...	...	...	...	Two shocks.
	i_Z	13 13 2	...	...	...	...	
	L	13 16	...	...	...	...	
	F	14	...	...	...	...	
25	...	14 to	...	...	...	...	Traces of disturbance on vertical component.
		16	...	...	...	...	
26	...	20 30 0	...	...	...	...	Traces of disturbance on vertical component.
		22	...	...	...	...	
28	? P_Z	5 4 34	...	...	...	...	
	L_Z	5 8	...	...	...	...	
	F	5 30	...	...	...	...	
30	e_Z	0 19	...	...	...	...	
	L_Z	0 44	...	...	...	...	
	F	1 30	...	...	...	...	
April.							
1	e	4 53 50	...	...	...	...	
	F	5	...	...	...	...	
2	e	22 9 35	...	...	...	...	
	e	22 13 5	...	...	...	...	
	F	22 20	...	...	...	...	
2	...	2 to	...	...	...	...	Traces.
		3	...	...	...	...	
2	L	3 14	...	...	...	...	
	F	3 40	...	...	...	...	
4	e	22 45·7	...	...	...	...	
	F	23	...	...	...	...	
6	...	22 to	...	...	...	...	Traces of waves.
		22 30	...	...	...	...	
8	L	9 50	...	...	...	...	Confused by microseisms and wind.
	F	10	...	...	...	...	
10	e_E	20 22 52	...	...	...	...	
	L	20 48	...	...	...	...	
	F	21 30	...	...	...	...	
11	e	7 26 58	...	...	...	...	
	F	7 37	...	...	...	...	

SEISMOLOGICAL DIARY :—*continued.* *Instruments.*—Two horizontal and one vertical Galitzin Seismographs with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

283. Eskdalemuir. **1924.**

Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N.	Amplitudes. A_E.	△	Remarks.
April.		h. m. s.	s.	μ	μ	km.	
11	...	14 7 to	...	...	...	...	Waves of small amplitude.
		14 18	...	...	...	...	
11	...	17 56 to	...	...	...	...	Waves of small amplitude.
		18 2	...	...	...	...	
12	e	22 13	...	...	...	...	
	L	22 57	...	...	...	...	
	F	24	...	...	...	...	
13	e	14 6 40	...	...	...	...	
	i_E	14 12 54	...	...	...	...	
	e	14 16	...	...	...	...	
	L	14 41	...	...	...	...	
	F	16 30	...	...	...	...	
14	...	5 30 to	...	...	...	...	Very feebly developed traces.
		6	...	...	...	...	
14	...	10 14 to	...	...	...	...	Traces.
		10 40	...	...	...	...	
14	P	16 34 52	...	...	...	...	Record too confused for identification of other phases.
	i (PR_1)	16 39 14	...	...	...	...	
	S	16 45 32	...	...	...	...	
	F	21	...	...	...	...	
15	...	12 54 to	...	...	...	...	A few waves confused by microseisms.
		12 57	...	...	...	...	
15	L	21 51	...	...	...	...	
	F	22 25	...	...	...	...	
20	P	14 36 59	...	...	...	6500	
	? PR_2	14 40 34	...	...	...	...	
	S	14 45 2	...	...	...	...	
	L	14 55	...	...	...	...	
	M_N	15 4 38	20	12	...	...	
	F	15 45	...	...	...	...	
28	L	9 9	...	...	...	...	
	F	9 20	...	...	...	...	
28	e	17 38 19	...	...	...	...	
	L	17 42	...	...	...	...	
	F	18	...	...	...	...	
29	L	10 2	...	...	...	...	
	M_N	10 4	15	5	...	...	
	F	10 25	...	...	...	...	
29	...	10 30 to	...	...	...	...	Feebly developed waves.
		11	...	...	...	...	
29	L	11 40	...	...	...	...	
	F	11 50	...	...	...	...	
29	e	21 12 30	...	...	...	...	
	e	21 16 2	...	...	...	...	
	e (? L)	21 21	...	...	...	...	
	F	22 40	...	...	...	...	
30	e	4 24	...	...	...	...	Recurring trains of waves of small amplitude.
	F	7 35	...	...	...	...	
May.							
1	...	4 30 to	...	...	...	...	Traces.
		6	...	...	...	...	
2	...	2 50 to	...	...	...	...	Traces of disturbance.
		4	...	...	...	...	
3	...	12 to	...	...	...	...	Long waves. No record before 12h.
		12 45	...	...	...	...	
3	...	16 14 to	...	...	...	...	Traces of waves.
		16 23	...	...	...	...	
4	i P_N	17 10 30	...	...	...	...	Other phases not recognisable.
	i P_E	17 10 35	...	...	...	...	
	i_N	17 12 40	...	...	...	...	
	F	20	...	...	...	...	
5	e	4 43	...	...	...	...	
	F	4 52	...	...	...	...	
May.							
6	e P	16 23 5	...	...	...	(9230)	e P doubtful.
	e	16 26·5	...	...	...	...	
	S	16 33 27	...	...	...	...	
	L	16 51	...	...	...	...	
	M_N	17 0 49	23	47	...	...	
	F	19	...	...	...	...	
7	...	3 to	...	...	...	...	Very feeble traces.
		4	...	...	...	...	
7	e	4 12	...	...	...	...	
	L	4 17	...	...	...	...	
	F	5 15	...	...	...	...	
7	e	6 34 23	...	...	...	...	
	e	6 43 21	...	...	...	...	
	L	6 57	...	...	...	...	
	F	7 20	...	...	...	...	
14	L	2 28	...	...	...	...	
	F	3 15	...	...	...	...	
June.							
4	e_E (P)	16 21 42	...	...	...	(8850)	
	e_E (S)	16 31 45	...	...	...	...	
	L	16 48	...	...	...	...	
	F	17 30	...	...	...	...	
9	...	21 52 to	...	...	...	...	Feeble traces.
		22 5	...	...	...	...	
15	...	14 14 to	...	...	...	...	Feeble traces.
		14 28	...	...	...	...	
16	L	20 14	...	...	...	...	
	F	20 30	...	...	...	...	
17	...	21 37 to	...	...	...	...	Feeble traces of L waves.
		21 50	...	...	...	...	
20	e	16 39 33	...	...	...	...	
	L	16 46	...	...	...	...	
	F	17 30	...	...	...	...	
22	e (? S)	13 47 37	...	...	...	...	
	L	14 8	...	...	...	...	
	F	14 50	...	...	...	...	
22	e_E	17 1 17	...	...	...	...	Other places not well developed.
	e_E	17 4 19	...	...	...	...	
22	e (P)	22 41 2	...	...	...	(8500)	
	S	22 50 47	...	...	...	...	
	L	?	...	...	...	...	
	F	24	...	...	...	...	
24	...	22 to	...	...	...	...	Traces.
		23	...	...	...	...	
25	...	3 10 to	...	...	...	...	Traces.
		3 18	...	...	...	...	
25	L	7 29	...	...	...	...	
	F	7 38	...	...	...	...	
26	P	1 57 39	...	...	...	...	Large disturbance; confused by faintness and superposition of two component traces.
	F	6	...	...	...	...	
30	...	4 to	...	...	...	...	Feebly developed disturbance.
		4 30	...	...	...	...	
30	...	12 10 to	...	...	...	...	Feebly developed disturbance.
		12 30	...	...	...	...	
30	e P	15 56 4	...	...	...	8380	Initial P displacements suggest azimuth 17° E. of N. or W. of S. ? Epicentre Kurile Is. or Kamchatka.
	S_E	16 5 43	...	...	...	8480	
	S_N	16 5 48	...	...	...	...	
	SR	16 10 42	...	...	...	...	
	SR	16 16	...	...	...	...	
	L	16 22	...	...	...	...	
	F	?	...	...	...	...	Record failed after 18h.

SEISMOLOGICAL DIARY :—*continued.* *Instruments.*—Two horizontal and one vertical Galitzin Seismographs with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

283. Eskdalemuir. **1924.**

Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N	Amplitudes. A_E	△	Remarks.	Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N	Amplitudes. A_E	△	Remarks.
July.		h. m. s.	s.	μ	μ	km.		July.		h. m. s.	s.	μ	μ	km.	
1	e	3 46 34	...	...	...	...			L	2 58·7	...	...	...	...	
	L	3 59	...	...	...	...			F	3 15	...	...	...	...	
	F	4 30	...	...	...	...		19	...	12 57 to	...	...	...	...	A few L waves.
3	P	4 50 12	...	...	...	6620	Azimuth, from initial P displacements, 24° N. of E. or S. of W. ? Epicentre 38° N., 88° E. (approx.).			13 6	...	...	...	...	
	PR	4 52 23	...	...	...	...		20	e	9 41	...	...	...	...	
	PR	4 53 38	...	...	...	...			L	10 26	...	...	...	...	
	S	4 58 21	...	...	...	...			F	11 40	...	...	...	...	
	F	7 30	...	...	...	...		21	e	1 1	...	...	...	...	
3	L	8 37	...	...	...	...			L	1 21	...	...	...	...	
	F	9	...	...	...	...			F	2 10	...	...	...	...	
5	...	15 30 to	...	...	...	...	Small disturbance.	22	P	4 16 28	...	...	...	8520	? Azimuth about 27° N. of E. or S. of W.
		16	...	...	...	...			e	4 17 23	...	...	...	...	
5	e	23 9 19	...	...	...	...			e	4 26 14	...	...	...	...	
	e	23 13 47	...	...	...	...			i S	4 26 24	...	...	...	...	
	L	23 34	...	...	...	...			L	4 39	...	...	...	...	L indistinct.
	F	24 50	...	...	...	...			F	5 30	...	...	...	...	
6	e P	14 30 31	...	...	...	8370	Azimuth a few degrees S. of W. or N. of E.	22	eP_E	14 36 48	...	...	...	9560	
	S	14 40 9	...	...	...	...			e_E	14 37 16	...	...	...	...	
	L	14 55	...	...	...	...			e	14 40 32	...	...	...	...	
	F	16 30	...	...	...	...			S	14 47 26	...	...	...	...	
6	P	18 41 9	...	...	...	5600	Time marker failed. Times by measurement on E. trace only. Similarity to disturbance on 12th July, but movements smaller.		SR	14 53·5	...	...	...	...	
	PR_1	18 43 7	...	...	...	...			L	15 3	...	...	...	...	
	S	18 48 24	...	...	...	...			M_N	15 12 27	23	54	...	...	
	SR_1	18 52 11	...	...	...	...			M_E	15 12 55	22	...	39	...	
	L	?	...	...	...	...			F	16 40	...	...	...	...	
	F	20 10	...	...	...	...		24	e_Z (P)	5 15 19	...	...	...	...	Presumably very distant.
7	e ?	3 2·8	...	...	...	...			i_E	5 16 30	...	...	...	...	L not clearly shown.
	L	3 37	...	...	...	...			i_E	5 20 20	...	...	...	...	
	F	5	...	...	...	...			i_E (? S)	5 30 49	...	...	...	...	
8	e ?	21 6	...	...	...	...			F	8 30	...	...	...	...	
	L	21 53	...	...	...	...		25	e (P)	19 40 46	...	...	...	(2200)	
	F	23 5	...	...	...	...			e (S)	19 44 28	...	...	...	...	
11	i P	19 54 46	...	+	+	6510	i P preceded by slow movement beginning 19h. 54m. 41s. G.M.T. Azimuth 21° N. of E. Epicentre 37° N., 84° E.		L	19 45·5	...	...	...	...	
	PR	19 56 51	...	...	...	...			F	20	...	...	...	...	
	S	20 2 49	...	...	...	...		25	L	22 0	...	...	...	...	
	L	20 11	...	...	...	...			F	22 12	...	...	...	...	
	F.	24	...	...	...	...	O. 19h. 44m. 46s. G.M.T.	26	e	3 25 16	...	...	...	...	
12	L	9 35	...	...	...	...			L	3 51	...	...	...	...	
	F	10	...	...	...	...			F	4 30	...	...	...	...	
12	...	11 1 to	...	...	...	...	Slight disturbance.	27	e	21 49 30	...	...	...	...	
		11 13	...	...	...	...			L	21 50	...	...	...	...	
12	P	15 21 34	...	−	−	5620	Azimuth 15° or 16° E. of N. Epicentre 72° E., 40° N. Probably repetition of shock on 6th.		F	22 12	...	...	...	...	
	PR	15 23 34	...	...	...	...		28	? e	19 28 10	...	...	...	...	
	S	15 28 50	...	...	...	...			L	19 30	...	...	...	...	
	SR	15 32 38	...	...	...	...			F	19 39	...	...	...	...	
	L	15 36	...	...	...	...			L	19 43	...	...	...	...	
	M_N	15 44 | 45 |	23	61	...	...			F	19 55	...	...	...	...	
14	...	0 to	...	...	...	...	Traces of waves.	29	e	5 38	...	...	...	...	
		1	...	...	...	...			e	5 48	...	...	...	...	
14	e	3 1 36	...	...	...	...			L ?	6 8	...	...	...	...	
	L	3 5·5	...	...	...	...			F	8	...	...	...	...	
	F	3 30	...	...	...	...		31	L	0 4	...	...	...	...	
15	L	22 10	...	...	...	...			F	0 20	...	...	...	...	
	F	22 30	...	...	...	...		Aug. 1	...	1 30 to	...	...	...	...	Traces of waves.
16	...	1 to	...	...	...	...	Very feebly developed traces.			2	...	...	...	...	
		3	...	...	...	...		3	...	22 to	...	...	...	...	Traces of waves.
17	e_Z	12 14 13	...	...	...	...			...	22 15	...	...	...	...	
	e_Z	12 18 31	...	...	...	...		5	L	1 41·5	...	...	...	...	
	L	12 42	...	...	...	...			F	1 55	...	...	...	...	
	F	13 20	...	...	...	...		6	e_N	0 41 43	...	...	...	...	
18	L	21 39	...	...	...	...			e_N	0 45 31	...	...	...	...	
	F	21 50	...	...	...	...			e_N	0 55	...	...	...	...	
19	i (P)	2 54 26	...	...	...	? 2020			e	1 4 14	...	...	...	...	
	e ? S	2 57 51	...	...	...	...			L	1 39	...	...	...	...	
									F	2 50	...	...	...	...	
								6	L	3 59	...	...	...	...	
									F	4 50	...	...	...	...	

SEISMOLOGICAL DIARY :—*continued.* *Instruments.*—Two horizontal and one vertical Galitzin Seismographs with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

283. Eskdalemuir. **1924.**

Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N.	Amplitudes. A_E.	△	Remarks.
		h. m. s.	s.	μ	μ	km.	
Aug. 9	L	15 4	...	...	...	...	
	F	15 15	...	...	...	...	
10	e_N	6 32	...	...	...	...	
	e_N	6 35·5	...	...	...	...	
	F	9	...	...	...	...	
11	e	2 39·5	...	...	...	...	Very feeble disturbance.
	F	3 10	...	...	...	...	
12	...	16 38 to	...	...	...	...	Very slight disturbance.
		16 42	...	...	...	...	
12	e	18 41 41	...	...	...	...	
	L	19 1	...	...	...	...	
	F	19 30	...	...	...	...	
13	P	13 41 57	...	—	...	8130	Azimuth approximately North. Compression.
	e	13 45	...	...	...	...	
	S	13 51 23	...	...	...	...	
	L	14 7	...	...	...	...	
	F	15 30	...	...	...	...	
13	L	16 37	...	...	...	...	
	F	17 30	...	...	...	...	
14	P	0 8 54	...	...	—	7570	Azimuth approximately East. Compression.
	S	0 17 52	...	...	...	...	
	L	0 31	...	...	...	...	
	F	?	...	...	...	...	
14	e (? S)	1 6 11	...	...	...	...	
	L	1 22	...	...	...	...	
	F	3	...	...	...	...	
14	P	18 15 4	...	...	...	9220	
	PR_1	18 18 34	...	...	...	...	
	PR_2	18 20 14	...	...	...	...	
	S	18 25 25	...	...	...	...	
	SR_1	18 31·5	...	...	...	...	
	L	18 43	...	...	...	...	
	M_N	18 51	24	...	...	...	
	M_N	19 1	18	...	...	...	
	F	22	...	...	...	...	
14	eP	23 39 57	...	...	...	9220	? same origin as preceding earthquake.
	e (PR_1)	23 43 8	...	...	...	...	
	e (PR_2)	23 45 3	...	...	...	...	
	S	23 50 18	...	...	...	...	
	SR	23 56	...	...	...	...	
15	L	0 8	...	...	...	...	
	M_N	0 20	20	...	...	...	
	M_E	0 24	16	...	...	...	
	M_N	0 28	...	...	...	...	
	F	1 30	...	...	...	...	
17	eP	1 58 34	...	...	...	...	Records from two shocks overlap. ? both shocks from same origin as the two later shocks on August 14th.
	eS_E	2 8 50	...	...	...	...	
	eS_N	2 8 59	...	...	...	...	
	e	2 15	...	...	...	...	
	L	2 28	...	...	...	...	
17	eP	2 23 8	...	...	...	...	
	S	2 33 4	...	...	...	...	
	F	4	...	...	...	...	
17	...	12 to	...	...	...	...	Waves of small amplitude.
		13	...	...	...	...	
21	e	19 3	...	...	...	...	
	e	19 12·5	...	...	...	...	Record failed before end of disturbance.
	e	19 17	...	...	...	...	
	F	?	...	...	...	...	
24	L	0 1	...	...	...	...	
	F	0 10	...	...	...	...	
25	e	2 38 15	...	...	...	...	Owing to adjustments of timing clock the times given require correction. The correction is uncertain, but approximate value is probably + 2 minutes.
	i	2 44 39	...	...	...	...	
	i	2 47 30	...	...	...	...	
	i	2 48 25	...	...	...	...	
	i_N	2 53 20	...	...	...	...	
	L	3 7	...	...	...	...	
	M_E	3 20	15	...	...	...	
Aug. 25	M_N	3 26	16	...	...	...	
	F	5	...	...	...	...	
25	eP	14 43 27	...	...	...	9240	
	S	14 53 50	...	...	...	...	
	L	15 9 (30)	...	...	...	...	
	M_N	15 18 24	20	...	...	...	
	M_E	15 17	20	...	...	...	
	F	17	...	...	...	...	
25	iP	23 18 9	...	...	...	7720	
	iS_N	23 27 14	...	...	...	...	
	L	23 36	...	...	...	...	
	F	1	...	...	...	...	
27	...	0 to	...	...	...	...	Feebly developed waves.
		0 30	...	...	...	...	
27	P	22 38 59	...	...	...	2500	
	S	22 43 4	...	...	...	...	
	L	22 44·5	...	...	...	...	
	F	23 45	...	...	...	...	
28	...	18 56 to	...	...	...	...	Traces of irregular waves.
		19 20	...	...	...	...	
29	e	0 13	...	...	...	...	
	L	0 30	...	...	...	...	
	F	1 25	...	...	...	...	
30	eP	3 19 3	...	...	...	? 9520	
	e	3 29 23	...	...	...	...	
	i (S)	3 29 39	...	...	...	...	
	SR	3 38	...	...	...	...	
	L	3 50	...	...	...	...	
	M_N	4 9	20	...	...	...	
	M_N	4 13	18	...	...	...	
	F	6 30	...	...	...	...	
Sept. 2	e	22 21 22	...	...	...	...	
	L	22 53	...	...	...	...	
	F	23 30	...	...	...	...	
3	...	0 to	...	...	...	...	Traces of disturbance.
		1	...	...	...	...	
3	L	2 56	...	...	...	...	
	F	3 15	...	...	...	...	
4	L	1 30	...	...	...	...	
	F	1 45	...	...	...	...	
4	? eP$_Z$	16 4 (30)	...	...	...	...	
	L_Z	16 7·5	...	...	...	...	
	F	17	...	...	...	...	
6	e (L)	3 16	...	...	...	...	
	F	4	...	...	...	...	
6	e	5 3 7	...	...	...	...	
	L	5 10	...	...	...	...	
	F	5 40	...	...	...	...	
6	? e	11 36 46	...	...	...	...	
	L	11 54	...	...	...	...	
	F	12 10	...	...	...	...	
6	L	12 41	...	...	...	...	
	F	12 55	...	...	...	...	
6	e	19 58 47	...	...	...	...	
	L	20 38	...	...	...	...	
	F	21 45	...	...	...	...	
7	e	2 10 38	...	...	...	...	
	L	2 38	...	...	...	...	
	F	3 30	...	...	...	...	
10	L	12 13	...	...	...	...	
	F	12 30	...	...	...	...	
14	L	3 14	...	...	...	...	
	F	3 35	...	...	...	...	

SEISMOLOGICAL DIARY :—*continued.* *Instruments.*—Two horizontal and one vertical Galitzin Seismographs with galvanometric registration.
Lat. 55° 19′ N. Long. 3° 12′ W. Height above M.S.L. 242 metres.

283. Eskdalemuir. **1924.**

Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N.	Amplitudes. A_E.	△	Remarks.
Sept.		h. m. s.	s.	μ	μ	km.	
14	...	5 25 to	...	...	...	...	Traces of waves.
		5 35	...	...	...	...	
14	e (? S)	13 34	...	...	...	...	
	e(?SR_1)	13 39	...	...	...	...	
	L	13 54	...	...	...	...	
	M_N	14 8	18	...	...	...	
	F	?	...	...	...	...	Overlapped by next shock.
14	L	15	...	...	...	...	
	M_N	15 5	25	...	...	...	
	M_N	15 14	20	...	...	...	
	F	16	...	...	...	...	
19	L	8 6	...	...	...	...	
	F	8 30	...	...	...	...	
23	? e	23 19	...	...	...	...	
	F	23 35	...	...	...	...	
24	? e	19 3 55	...	...	...	...	
	L	19 22	...	...	...	...	
	F	20	...	...	...	...	
25	e	4 44 45	...	...	...	...	
	L	5 23	...	...	...	...	
	F	6 30	...	...	...	...	
27	? e	4 27	...	...	...	...	
	e	4 39·5	...	...	...	...	
	L	4 45	...	...	...	...	
	F	5 30	...	...	...	...	
27	L	13 56	...	...	...	...	
	F	14 30	...	...	...	...	
28	i_E (P)	13 38 19	...	...	...	? 2000	
	e	13 41	...	...	...	...	
	i_E (S)	13 41 42	...	...	...	...	
	M	13 43 { 44	...	...	...	...	
	F	14 10	...	...	...	...	
Oct.							
8	L	21 4	...	...	...	...	Earlier phases lost.
	M_N	21 10	25	...	...	...	Record failed.
	M_N	21 11	20	...	...	...	
	M_E	21 11	20	...	...	...	
	F	22 40	...	...	...	...	
9	L	6 1	...	...	...	...	
	F	6 15	...	...	...	...	
12	e P	19 44 21	...	...	...	(?6500)	
	S	19 52·5	...	...	...	...	
	SR	19 56	...	...	...	...	
	i (L)	19 59 5	...	...	...	...	
	F	21 30	...	...	...	...	
13	i P	16 26 38	...	...	...	5510	
	i S	16 33 48	...	...	...	...	
	F	18	...	...	...	...	
18	L	20 21	...	...	...	...	
	F	20 55	...	...	...	...	
18	e P_E	23 17 41	...	...	...	8790	
	S_N	23 27 41	...	...	...	...	
	L	23 45	...	...	...	...	
19	F	0 30	...	...	...	...	
19	L	15 48	...	...	...	...	
	F	16 20	...	...	...	...	
20	P_N	20 3 53	...	...	...	7690	
	i S	20 12 57	...	...	...	...	
	SR_1	20 17·5	...	...	...	...	
	SR_2	20 20·8	...	...	...	...	
	L	20 26	...	...	...	...	
	F	21 30	...	...	...	...	
23	...	12 27 to	...	...	...	...	Traces of waves.
		12 35	...	...	...	...	

Date.	Phase.	Time. G.M.T.	Period	Amplitudes. A_N.	Amplitudes. A_E.	△	Remarks.
Oct.		h. m. s.	s.	μ	μ	km.	
25	e	19 18	...	...	...	...	
	e (? L)	19 24	...	...	...	...	
	F	20	...	...	...	...	
26	...	19 to	...	...	...	...	Feeble disturbance.
		20	...	...	...	...	
27	e	20 23 2	...	...	...	...	
	e	20 30 28	...	...	...	...	
	e	20 39 37	...	...	...	...	
	L	20 48	...	...	...	...	
	F	22	...	...	...	...	
Nov.							
4	L	4 12	...	...	...	...	
	F	4 30	...	...	...	...	
5	e_N	18 58 59	...	...	...	...	
	L	19 4·5	...	...	...	...	
	F	19 20	...	...	...	...	
6	L	8 16	...	...	...	...	
	F	8 30	...	...	...	...	
6	L	23 10	...	...	...	...	
	F	23 16	...	...	...	...	
13	...	Between 9 40 and 11	...	...	...	...	Disturbance. Confused by large microseisms.
15	L	18 42	...	...	...	...	
	F	18 50	...	...	...	...	
16	e	23 32	...	...	...	...	
	F	24	...	...	...	...	
20	...	Between 20 30 and 21 30	...	...	...	...	Disturbance. Record before 20h. 55m. lost owing to clock failure.
25	e	17 47 11	...	...	...	...	
	e	17 49·5	...	...	...	...	
	F	18 10	...	...	...	...	
28	...	13 to	...	...	...	...	Disturbance. Confused by large microseisms.
		14	...	...	...	...	
28	...	19 30 to	...	...	...	...	Disturbance. Confused by large microseisms.
		20 30	...	...	...	...	
28	L	21 59	...	...	...	...	
	F	22 10	...	...	...	...	
Dec.							
11	L	18 33	...	...	...	...	
	F	19 15	...	...	...	...	
11	...	23 30 to	...	...	...	...	A few waves.
		23 40	...	...	...	...	
12	? e	2 24·6	...	...	...	...	
	L	2 28	...	...	...	...	
	M_E	2 30	16	...	...	...	
	F	2 40	...	...	...	...	
12	...	3 36 to	...	...	...	...	Slight disturbance.
		3 41	...	...	...	...	
13	...	0 44 to	...	...	...	...	Waves, confused by microseisms.
		1	...	...	...	...	
14	...	9 20 to	...	...	...	...	Slight disturbance. Confused by microseisms.
		10					
15	e	21 11	...	...	...	...	
	F	23	...	...	...	...	
17	e	6 7	...	...	...	...	
	L	6 11	...	...	...	...	
	F	6 20	...	...	...	...	
27	i (? S)	11 43·5	...	...	...	...	Confused by very large microseisms.
	F	12 (30)	...	...	...	...	
28	...	23 { 24	...	...	...	...	Disturbance, confused by very large microseisms.

MICROSEISMS OF NORTH COMPONENT: AMPLITUDE (μ = ·001 mm.) AND PERIOD (seconds).

Derived from readings, for the period of thirty minutes centering at the exact hour, Greenwich Mean Time.

1924.

284. Eskdalemuir.

Day.	January.								February.								March.							
	0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.
1	...	...	1·2	6	1·2	6	1·5	6	2·2	6	2·3	6·5	2·2	6	1·5	6·5	5·2	6·5	4·1	6·5	3·1	6	3·4	6
2	1·4	7	2·3	6	1·7	6	1·6	6	1·6	6	2·7	6	2·4	6	1·7	6	3·4	5·5	...	...	2·2	7	...	...
3	1·6	6	1·6	6	1·9	6	1·9	6	3·0	6·5	3·0	6	2·7	6	2·4	5·5	2·5	5·5	...	...	...	...	...	...
4	1·6	6	1·2	6	1·0	6	1·7	6	2·6	6	2·5	6	2·4	6	1·6	6	...	...	...	...	...	...	...	...
5	1·6	6·5	1·7	7	1·9	8	2·1	7	1·6	6	2·7	6	3·1	6	3·1	6	...	...	...	...	0·7	6	0·8	5
6	1·9	8	2·6	7·5	2·2	7	2·2	7·5	2·6	6·5	2·5	5·5	...	...	...	...	1·0	5·5	1·7	5·5	1·7	5·5	1·8	5·5
7	2·8	7	3·0	6·5	3·0	6·5	2·2	7	1·5	5	1·0	5·5	0·9	6	0·9	6	1·7	6	1·6	6	1·8	5·5	1·5	6
8	2·8	7	2·9	7	4·3	6·5	3·6	7	1·7	5	...	...	1·8	6	...	...	1·7	5·5	0·9	6	1·1	4	0·9	5·5
9	4·5	7	4·3	8	4·3	6	2·9	7	2·4	6	...	...	2·0	5	2·5	5·5	0·9	5	1·0	4·5	0·8	5·5	0·8	6
10	2·5	6	2·3	6	3·0	6·5	2·9	7	2·5	5	2·6	5	3·0	6	3·3	5·5	0·8	6	...	...	1·3	5	1·8	4·5
11	2·4	6·5	2·7	6	2·3	6	2·2	6	2·3	6	1·8	5·5	1·8	5	1·9	5	1·2	5·5	...	...	...	...	1·0	5
12	2·7	5·5	1·8	6·5	3·2	6	3·2	5·5	2·0	5	1·9	5·5	1·8	5	3·7	5·5	...	...	...	...	...	...	...	...
13	2·8	6·5	2·5	5·5	...	...	2·0	6	4·1	6	...	...	2·5	5·5	...	...	...	...	...	...	...	...	...	...
14	1·5	6	1·8	5	1·7	5·5	1·9	5	...	...	1·5	5	1·2	5	1·0	5	...	...	...	...	...	...	...	...
15	2·7	5	2·6	5·5	2·3	6	3·2	6	0·9	4·5	0·8	4·5	0·9	4·5	0·9	4·5	...	...	...	...	...	...	...	...
16	3·5	5	3·5	6	2·7	6	2·6	6	0·7	4	0·5	4·5	0·5	4·5	0·5	4·5	...	...	...	...	...	...	...	...
17	2·8	5·5	1·7	5·5	1·9	6	1·7	6	0·5	4·5	...	...	0·9	5	0·9	5	...	...	...	...	...	...	...	...
18	0·9	6	0·9	6	1·0	4·5	1·2	4·5	0·9	6	1·2	6	1·6	5·5	...	...	...	...	...	...	...	...	...	...
19	0·9	5	1·0	6	2·0	4·5	1·7	5·5	1·8	6·5	1·6	6	1·0	5·5	1·4	5·5	...	...	...	...	...	...	...	...
20	...	...	1·6	6	1·6	5	1·0	5	0·7	6·5	0·8	6	0·5	5	0·6	5·5	...	...	...	...	...	...	...	...
21	0·9	6	1·5	4·5	1·2	5·5	2·2	5·5	0·7	6	0·8	6	0·9	5	1·0	4·5	...	...	...	...	...	...	...	...
22	2·3	6	2·5	6	2·9	5	2·7	5·5	0·9	4·5	1·0	4·5	0·7	6·5	0·9	5	...	...	...	...	...	...	...	...
23	3·9	6	3·9	6	3·1	6	4·0	6	0·6	5	0·2	5·5	0·5	6	0·8	5·5	...	...	...	...	...	...	...	...
24	3·2	6	4·0	6	4·1	6·5	...	...	0·8	5	...	...	1·3	4·5	1·1	5	...	...	...	...	...	...	...	...
25	3·8	9	5·3	9·5	5·0	9	4·7	8	1·0	4·5	1·0	4·5	0·4	4·5	0·8	4·5	...	...	...	...	...	...	...	...
26	4·9	7	3·9	7	4·5	7	4·1	6·5	0·5	4	0·2	4	0·2	4	...	...	...	...	...	...	...	...	...	...
27	3·7	6·5	2·9	6·5	3·0	6·5	1·9	6	0·2	4·5	0·6	4·5	0·7	5·5	...	...	...	...	...	...	...	...	...	...
28	2·4	6	1·6	6	2·0	6	1·5	6·5	1·3	6	1·2	6	1·5	5·5	...	...	...	...	...	...	...	...	...	...
29	1·4	6	1·6	6	1·4	7	1·4	7	...	...	...	...	3·4	6·5	6·7	6·5	...	...	...	...	...	...	...	...
30	1·6	6·5	1·9	7	2·1	7	2·5	7									...	...	...	...	...	...	...	...
31	2·8	7·5	2·6	6·5	2·5	7	1·9	6									...	...	...	...	...	...	0·0	4·5
Mean ...	A = 2·4μ; T = 6·3 s.								A = 1·6μ; T = 5·4 s.								A = 1·7μ; T = 5·6 s.							
Normal, 1911–23.	A = 2·6μ; T = 6·0 s.								A = 2·4μ; T = 6·1 s.								A = 1·8μ; T = 5·8 s.							

Day.	April.								May.								June.							
	0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.
1	0·8	5	0·9	5·5	1·0	5·5	1·6	5·5	...	...	0·8	6	...	...	...	...	0·8	4	...	...	...	...	1·8	4·5
2	1·5	6·5	0·9	6	0·8	6·5	0·9	6	0·8	5	0·6	4·5	0·7	4·5	0·8	4·5	2·0	4·5	1·2	4·5	0·8	4·5	0·7	4·5
3	0·6	6	0·7	5	...	...	...	...	0·8	4·5	0·8	5	...	...	0·8	5	0·8	4·5	0·8	4·5	0·9	4·5	0·9	5
4	0·7	7	0·9	6	0·8	6	0·7	6	...	...	...	...	0·8	5	...	...	0·8	5	0·9	4·5	0·5	5	0·4	4·5
5	0·7	5·5	0·7	6	...	...	...	...	0·5	5	0·8	5	...	...	...	...	0·3	4·5	0·1	4·5	0·1	4·5	0·2	4·5
6	0·5	5	0·8	5	0·9	4·5	0·8	5	0·6	4	...	...	0·6	4	...	...	0·1	4	0·5	5	0·6	8	1·0	6·5
7	0·9	5	1·7	5	1·7	5·5	1·7	5·5	0·6	4·5	0·7	4	0·6	4	...	...	0·9	6	0·7	6·5	0·7	5·5	0·7	5·5
8	3·2	6	2·4	6	3·0	6·5	2·3	6	...	...	...	...	...	...	...	...	0·5	6	0·7	5·5	0·7	6	0·7	5·5
9	2·3	6	1·6	6	1·6	6	1·2	5·5	...	...	...	...	1·1	4	...	...	0·5	6	0·6	6	0·5	5	0·5	5·5
10	0·9	5·5	1·0	5	0·8	6	0·8	5·5	0·9	4·5	1·0	4·5	1·1	4	1·2	4	0·7	5·5	0·8	6	0·9	5	0·8	5
11	0·9	5	0·7	6	0·7	4·5	0·6	4·5	...	...	...	...	...	...	...	...	1·5	4·5	1·8	5	1·6	4·5	1·2	5·5
12	0·8	5	1·0	4·5	1·0	4·5	1·1	4	...	...	...	...	0·7	5	0·9	4·5	1·3	4·5	1·2	5	0·9	5	1·0	4·5
13	1·0	4	1·1	3·5	0·9	5	0·9	5	...	...	...	...	0·5	5	0·5	4	0·8	5	...	...	0·9	4	0·5	4·5
14	0·9	5	1·1	4·5	2·0	4·5	...	...	0·5	4	0·5	4	...	...	...	...	0·6	4·5	...	...	0·2	4	...	...
15	2·5	4·5	1·7	5·5	2·0	4·5	1·7	5·5	0·3	4	0·2	4	...	...	0·2	4	0·4	5·5	...	...	0·4	5·5	...	...
16	2·0	4·5	1·6	5·5	...	...	1·5	6	0·1	3·5	0·1	4	0·1	4	...	...	0·3	5·5	...	...	0·4	5·5	0·5	5
17	2·0	5	1·7	5·5	1·1	5	1·7	5·5	...	...	...	...	0·1	4	0·1	3·5	0·8	5	0·9	5	...	...	...	...
18	1·7	5	1·5	5	1·4	5	1·7	4·5	...	...	...	...	0·2	4·5	0·1	4	0·5	4	0·5	4	0·6	4	0·6	4
19	1·1	5	1·1	4·5	0·9	5	0·5	4·5	0·1	4	0·1	4	0·1	4	0·1	4	0·6	4	0·6	4	0·5	4	0·2	4
20	0·5	5	0·5	5	0·7	5	...	...	0·1	3·5	0·1	4	0·1	4	0·1	4	0·1	4·5	0·1	4	0·1	4·5	0·1	4·5
21	...	...	...	...	...	...	...	...	...	...	0·4	3·5	...	...	...	...	0·0	—	0·0	—	0·0	—	0·0	—
22	...	...	...	...	...	...	...	...	0·3	4	0·6	4	...	...	...	...	0·0	—	0·0	—	0·0	—	0·0	—
23	...	...	...	...	1·6	5·5	1·6	5·5	...	...	...	...	0·6	4	0·6	4·5	0·0	—	...	...	0·1	4	0·1	4
24	1·1	5·5	1·2	6	1·0	5·5	1·6	5	...	...	...	...	1·2	4·5	1·0	4·5	0·1	4	0·1	4	0·1	4	0·2	4·5
25	1·2	5	1·6	6	2·0	5	1·7	5·5	...	...	...	...	...	...	0·9	4·5	0·3	4·5	0·5	4·5	0·7	5	0·9	5
26	...	...	...	...	1·6	5	...	...	...	...	...	...	0·9	4	0·7	4	0·9	5	...	...	0·7	5·5	...	...
27	1·7	5	...	...	1·6	5·5	1·5	5	0·6	4	0·7	4	1·1	4	0·8	4	0·5	4·5	0·5	4·5	0·5	4·5	0·5	4·5
28	1·6	5	1·2	5·5	1·2	5	1·3	5	...	...	...	...	0·7	5	0·7	4·5	0·2	4	...	...	0·5	5	...	...
29	...	...	...	...	1·2	4·5	1·0	4·5	0·8	5	0·4	5	0·5	4·5	0·2	4·5	0·7	4	1·0	4·5	1·0	5	...	...
30	1·0	5·5	...	...	...	...	...	...	0·5	4	0·3	4	...	...	0·8	4·5	0·8	5·5	...	...	1·0	4	...	...
31									1·0	4	0·9	4·5	...	...	0·9	4·5								
Mean ...	A = 1·3μ; T = 5·3 s.								A = 0·5μ; T = 4·3 s.								A = 0·6μ; T = 4·8 s.							
Normal, 1911–23	A = 1·2μ; T = 5·3 s.								A = 0·7μ; T = 4·8 s.								A = 0·5μ; T = 4·6 s.							

NOTE:—The symbol ... indicates that microseisms were not measured, either by reason of occurrence of earthquake or lack of record

MICROSEISMS OF NORTH COMPONENT: AMPLITUDE (μ = ·001 mm.) AND PERIOD (seconds).

Derived from readings, for the period of thirty minutes centering at the exact hour, Greenwich Mean Time.

284. Eskdalemuir. **1924.**

Day.	July.								August.								September.							
	0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.
1	0·6	4	...	...	0·8	4	...	...	0·2	4	0·2	4·5	0·1	4	0·2	4	0·8	6	0·8	5·5	0·7	6	0·5	5
2	0·9	4·5	1·0	4·5	1·2	4·5	1·1	4	0·3	4·5	0·1	4	0·2	4	0·2	4	0·5	5	...	...	0·2	4·5	0·4	4·5
3	1·0	4	...	...	0·9	4	0·8	4	0·1	3·5	0·1	4	0·1	4	0·2	4	0·5	5	...	...	0·5	6	0·4	4·5
4	...	...	0·7	4	0·6	3·5	0·7	3	0·2	4	0·2	4	0·3	4	0·3	5	0·2	4·5	...	...	...	...	...	...
5	0·6	4	...	...	0·4	3·5	0·5	4·5	0·5	5·5	0·5	4·5	0·6	4	0·6	5	0·5	4	0·5	4·5	0·2	4·5	0·5	4
6	...	...	0·3	4	0·3	3·5	0·6	3	0·8	4·5	0·6	5	0·8	5	0·9	4·5	0·2	4	0·6	4	0·6	4	0·5	4·5
7	0·3	3·5	...	...	0·6	4	...	...	0·8	5	0·9	5	0·8	5	0·6	5	0·5	4	0·2	4	0·2	4	0·2	4
8	0·4	4·5	...	...	0·5	3·5	...	...	0·3	4·5	0·8	4·5	0·3	4	0·2	4·5	...	...	...	...	1·1	4	1·1	4
9	0·3	3·5	...	...	0·2	4	0·2	4·5	0·2	4	0·1	4	0·3	5	0·2	4	0·9	4	1·2	4	...	...	...	...
10	0·1	5	0·1	4	0·2	4·5	0·2	4·5	0·3	4·5	0·3	4	0·3	4	0·7	4	1·0	5	1·0	5	1·0	5·5	1·0	5
11	0·2	5	...	...	0·6	6	0·8	5·5	0·5	4	0·4	5	0·3	4·5	0·3	4·5	...	...	...	...	2·0	4	1·7	4·5
12	0·8	6	0·7	6·5	0·5	5	...	...	0·3	4·5	0·7	5	0·9	5	0·7	5	2·3	4	1·9	4·5	1·7	5·5	1·7	5
13	0·4	4·5	...	...	0·3	4	...	...	0·6	4·5	0·3	4·5	0·2	4	0·2	4	1·7	5	1·4	5	...	...	1·1	5
14	0·1	4	0·3	4	0·3	3·5	0·2	4	0·2	4	...	...	0·2	4	0·2	4	1·2	4·5	1·1	4	1·0	4	0·9	4·5
15	0·3	4·5	0·4	4·5	0·5	4	...	...	0·6	6	0·9	6·5	0·9	6	1·0	6	0·9	4·5	1·0	4	1·0	4·5	1·0	4·5
16	0·5	4	0·2	4	0·5	4	0·2	4·5	0·8	5·5	0·9	6	0·9	5	0·8	6	...	...	...	...	1·2	4·5	1·2	4·5
17	0·2	4·5	0·4	4·5	0·1	4	0·1	4	0·7	6	0·5	6·5	0·8	6	0·8	5·5	1·0	5	2·5	5·5	4·0	6	3·1	6·5
18	0·1	4	0·2	4	0·3	3·5	0·2	4	0·7	6	1·0	5	0·8	5·5	0·8	5	3·4	6	3·1	6	1·9	6	1·7	6
19	0·1	4	0·2	4	0·2	4	0·2	4	0·8	6	1·0	4·5	0·9	4·5	0·8	5	1·2	5·5	1·2	5·5	1·5	4·5	1·0	4·5
20	0·1	4	0·1	4	0·1	4	0·2	4	0·9	5	0·4	5	1·0	4	0·9	4·5	1·0	4·5	0·9	4·5	1·0	4	1·0	4·5
21	0·2	4	0·2	4	0·2	4	0·1	4	0·9	4·5	0·9	4·5	1·0	4·5	0·9	4·5	1·2	4	1·0	4·5	1·5	4·5	1·0	4·5
22	0·1	3·5	0·3	3·5	0·1	3·5	0·1	3·5	0·9	4·5	0·8	5	0·9	4·5	0·5	4·5	1·0	4·5	1·0	4·5	1·0	4	1·0	4·5
23	0·1	3·5	0·1	4	0·1	3·5	0·3	3	0·6	4	0·6	4	0·6	4	0·5	4·5	1·1	4	1·0	4·5	1·4	4	1·2	4
24	0·3	3·5	...	...	0·5	4	0·5	4	0·9	4·5	0·6	4	0·6	4	0·6	4	1·1	4	1·2	4	1·1	4	1·2	4
25	0·3	4	0·4	3·5	0·2	4	0·2	4	0·7	5	0·2	4·5	0·2	4	0·2	4	1·1	4	1·1	4	0·9	4·5	0·9	4
26	0·2	4	0·2	4	0·2	4	0·2	4	...	...	...	...	0·2	4	...	...	0·7	4	0·4	4·5	0·3	4	0·5	3·5
27	0·2	4	0·2	4	0·2	4	0·2	4	0·2	4	0·2	4	0·5	4	0·2	4	0·3	4	0·5	4	0·3	4·5	0·5	4·5
28	0·1	4·5	0·1	3·5	0·3	4	0·4	3·5	0·1	4·5	0·1	4	0·1	4	0·5	4	0·8	5	0·9	5	1·4	5	1·0	5
29	0·6	4	0·4	3·5	...	...	...	...	0·7	4·5	...	...	0·7	5	...	...	1·7	5·5	1·7	5·5	...	...	...	...
30	...	...	...	...	0·1	4	0·2	4·5	0·6	4	...	...	0·3	4·5	0·5	6	1·0	4	...	...	1·4	4·5	...	...
31	0·1	4	...	...	0·1	4	0·2	4	0·6	6	0·7	6·5	0·7	6	...	...								
Mean ...	A = 0·3μ; T = 4·1 s.								A = 0·5μ; T = 4·6 s.								A = 1·1μ; T = 4·6 s.							
Normal, 1911–23.	A = 0·3μ; T = 4·3 s.								A = 0·5μ; T = 4·4 s.								A = 0·9μ; T = 5·0 s.							

Day.	October.								November.								December.							
	0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.		0 h.		6 h.		12 h.		18 h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.	μ	s.
1	1·1	5·5	...	...	1·3	4·5	1·4	4·5	2·5	5·5	2·5	5·5	3·0	6	2·5	5·5	1·5	6	1·5	5	1·2	5·5	1·5	5·5
2	1·1	4·5	1·8	4·5	1·6	6	1·6	6	3·2	5·5	4·4	6	3·5	6	3·9	6	1·8	5	1·8	5	1·7	5·5	1·7	5
3	1·8	6	1·5	6	1·6	6	0·8	6	3·9	6	3·7	6	3·4	6	2·3	6	1·6	5·5	1·7	5·5	1·7	5·5	1·6	5
4	0·8	5·5	0·8	5·5	0·8	6	0·7	6	1·7	5	1·0	4·5	1·0	4·5	0·9	4	1·8	5	2·3	5·5	3·2	5	4·1	5·5
5	...	...	...	...	...	...	1·3	7	1·0	4	1·1	4	1·0	4·5	1·0	4·5	4·5	6	4·8	6	5·6	6	4·7	6
6	1·3	8	1·1	6·5	2·1	4	1·3	5	0·9	4·5	0·9	5	...	...	0·8	4·5	3·5	6	3·1	6	2·9	6	2·2	6
7	1·2	5·5	...	...	1·3	5	1·5	4·5	0·8	4·5	0·8	5	0·8	5	0·8	5	2·2	6·5	2·0	6	2·0	6	1·7	7
8	1·0	5	1·0	4·5	1·0	4·5	0·8	4·5	0·9	5	0·9	6	0·7	5·5	0·7	5·5	2·3	6	2·3	6	2·4	6	...	...
9	0·8	4·5	0·6	4·5	0·4	4·5	0·6	4	0·9	5	...	...	1·0	4·5	...	...	2·3	6	2·2	6·5	3·0	7	2·9	7
10	0·6	4·5	0·8	4·5	...	...	...	...	0·9	5	0·8	5	0·9	5	0·9	5	2·7	7	2·4	7	2·5	7	2·2	6·5
11	1·0	4·5	1·3	7	1·6	6	1·6	6	0·9	5	1·0	5	...	...	...	...	2·1	7	1·9	6·5	2·3	6·5	1·5	7
12	1·1	6	...	...	0·8	5·5	...	...	2·3	6	2·4	6	...	...	3·9	7	1·5	6·5	1·9	6	1·9	7	1·4	6
13	1·0	4·5	...	...	...	...	0·6	4·5	4·0	8	4·1	7·5	2·6	7·5	2·8	7	1·2	7	2·3	6	1·8	6	2·1	6
14	0·8	4·5	...	...	0·5	5·5	0·8	6	2·2	7	1·7	7	...	...	...	...	2·3	6	1·9	6	1·7	6	2·1	6
15	0·7	6	...	...	0·7	6	0·8	6	1·4	5	1·1	5	1·1	5	1·2	4·5	1·6	6	1·6	6	1·5	6	1·5	6
16	0·8	6	...	...	0·9	5	0·7	5	0·9	5	0·9	5	0·9	5	0·8	6	1·6	6	...	...	1·5	5	...	...
17	0·9	5	...	...	0·8	6	...	...	0·9	5·5	...	...	1·6	6	...	...	1·5	6·5	1·5	6·5	2·1	7	3·0	6·5
18	0·8	6	...	...	0·7	5	0·5	5	1·6	6	1·5	6	1·2	6	1·6	6	1·6	6·5	1·6	6	1·6	6	1·9	5·5
19	...	...	...	...	0·6	5	0·7	4	1·2	6	0·9	6	1·6	5·5	1·2	6	2·0	6	2·4	6	3·0	6	2·4	6
20	...	...	...	...	...	...	1·0	4·5	0·8	6	0·9	6	0·8	6	1·1	5·5	2·4	6	2·9	6·5	2·2	7	2·7	6
21	...	...	0·9	4	0·9	4	1·0	4·5	0·9	6	1·2	6	...	...	2·3	6	2·2	6·5	2·0	6·5	2·0	7	1·6	6
22	0·9	4·5	1·0	4·5	0·9	4·5	0·6	5	3·2	6·5	3·0	6·5	2·0	6	1·8	5	1·6	6	1·8	6·5	2·4	6·5	2·3	6
23	...	...	0·5	5	0·8	5	0·9	5	1·6	5·5	1·6	5·5	1·6	5·5	1·6	5·5	3·4	7	4·0	8	2·9	6·5	3·1	7
24	1·1	5	1·8	5	...	...	2·9	6·5	1·8	6	1·8	5	1·8	5	...	...	2·1	7	2·2	7	2·1	7	2·6	8
25	2·3	6	2·3	6	1·6	6	1·8	5	2·6	5	2·7	5	2·0	5	1·8	4·5	2·1	8	2·0	7·5	2·3	6	...	...
26	1·6	6	1·6	5	1·1	4·5	1·0	4·5	1·2	4·5	1·1	4·5	1·9	4·5	1·5	5	2·3	6	2·8	7	2·3	6	...	...
27	0·7	5	0·9	4·5	0·6	4	0·5	5	1·8	5	1·7	5	2·1	4·5	1·9	5·5	3·0	6·5	2·9	6·5	4·9	7	4·4	7
28	0·5	4·5	0·8	6	0·8	5·5	0·8	6	2·0	5	2·7	5	2·3	6	1·8	5	5·2	8	6·1	9	6·4	9	10·4	9
29	0·8	6	0·6	6	1·0	4·5	1·1	4·5	2·3	6	2·0	6	2·3	6	2·0	5·5	...	...	...	...	4·7	8	7·3	8·5
30	1·4	5	1·7	5·5	1·7	5·5	2·0	5·5	1·6	6	1·5	5	1·0	5	...	...	...	...	6·4	8	5·8	8	5·9	8
31	1·9	6	1·9	6	3·2	5·5	...	...									5·2	8	8·6	8	5·9	8	4·5	8
Mean ...	A = 1·1μ; T = 5·3 s.								A = 1·7μ; T = 5·5 s.								A = 2·8μ; T = 6·5 s.							
Normal, 1911–23.*	A = 1·3μ; T = 5·2 s.								A = 1·8μ; T = 5·6 s.								A = 2·3μ; T = 5·9 s.							

* 12 years only. No records Oct.-Dec., 1920, when recording mechanism was under repair.

NOTE:—The symbol ... indicates that microseisms were not measured, either by reason of occurrence of earthquake or lack of record.

M.O 289
(Cahirciveen)

FOR OFFICIAL USE

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1924

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valencia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

CAHIRCIVEEN (VALENCIA OBSERVATORY)

Published by the authority of the
METEOROLOGICAL COMMITTEE

LONDON

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

1927

CAHIRCIVEEN (VALENCIA OBSERVATORY).

Latitude	51° 56′ N.
Longitude	10° 15′ W.
G.M.T. of Local Mean Noon	12h 41m.

Heights in metres above Sea Level.

Barometer	13·7
Rain-gauge	9·1
Robinson Cup Anemograph	26
Dines Tube Anemograph	30

Heights in metres above Ground.

Thermometer Bulbs	1·3
Sunshine Recorder	12·8
Robinson Cup Anemograph	14
Dines Tube Anemograph	13

INTRODUCTION.

SITE.

Valencia Observatory derives its name from the fact that it was originally established on Valencia Island in 1867. It was removed to the mainland in March, 1892, and now lies in a direct line between the old site on Valencia Island and the town of Cahirciveen, about $2\frac{1}{2}$ miles (4 km.) north-east from the former, and three-quarters of a mile (1 km.) south-west of the latter. It is quite remote from any other buildings. The general character of the country surrounding the Observatory is hilly. The eastern bank of the Cahir river is about 150 metres to the westward, and in that direction there is no very high ground between the Observatory and the open sea, some $3\frac{1}{2}$ miles (6 km.) away. To the north-west, however, are hills varying in height from 400 (120 m.) to 900 feet (275 m.), the highest being less than 3 miles (5 km.) distant. These are only separated by a narrow gully running in a N N W direction from other hills equally high, which stretch away to the northward: the nearest of these is but little more than a mile ($1\frac{1}{2}$ km.) from the Observatory. Beyond the town of Cahirciveen to the north-east the river opens out considerably, and the country in this direction becomes an open boggy basin, rising by only a gentle gradient. Southward of this, however, it soon rises again, and at about a mile south-east of the Observatory it culminates in a hill upwards of 1,245 feet (380 m.) in height. Still further south it opens out once more to a distance of nearly 5 miles (8 km.) from the Observatory, where there is a range of hills running east and west, and varying in height from 400 (120 m.) to 1,300 feet (400 m.). To the south-west there is an opening to the sea, between Valencia Island and the mainland; and the circle of hills is completed by those on the island itself, the highest of which is about 800 feet (240 m.) high, and bears about west-south-west from the Observatory. Photographs of the Observatory building, together with a site plan, showing the disposition of the various instruments were reproduced in the Introduction to the 1923 volume.

METEOROLOGY.

The elements dealt with in the following tables are : atmospheric pressure, air temperature, humidity, rainfall, sunshine, wind speed and direction, minimum temperature on the grass, together with a diary of cloud and weather.

Pressure and Temperature.—The photographic barograph and thermograph are installed in a room on the ground floor of the Observatory tower. The standard Fortin barometer, from which the control readings at 9h, 15h and 21h are taken, is mounted in the same room beside a window which faces the north-east. The stems of the dry and wet bulb thermometers pass out into the screen placed against the north wall of the tower. Close to the bulbs of these thermometers are the bulbs of the standard thermometers from which the control readings at 9h, 15h and 21h are taken.

Rainfall.—The Beckley raingauge and the 8-inch (20·3 cm.) check gauge are placed in a railed-off enclosure about 40 metres to the north of the tower.

Sunshine.—The recorder is cemented to a wooden rail on the roof of the tower. The exposure is satisfactory.

Wind, Speed and Direction.—The Robinson Cup Anemograph is placed on the roof of the Observatory tower. The exposure is satisfactory except for winds between south and south-west. Winds from these directions are liable to be deviated and reduced in speed because of the sheltering action of the roof and chimney. The Dines Tube Anemograph stands in an open field, about 250 metres S E by E of the Observatory tower. The field slopes northwards to the river Cahir. About 1 mile (1½ km.) to the south-east and in an approximately direct line with the highest point (1,245 feet) is the hill Bentee which extends for some little distance in a northerly and south-westerly direction. A description of the surrounding country has already been given.

Minimum Temperature on the Grass.—The grass minimum thermometer is of the type described on p. 12. It is exposed over short grass in the field enclosure. It is set at 18h and read at 7h on the succeeding day, the observation being entered to the day of reading.

Notes on the Meteorological Summaries.

Pressure.—The mean pressure for the year 1924 was 2·8 millibars below normal. The monthly mean pressures, excepting those for February and November, were below normal, the deficiencies in most months being considerable. For January and May, for example, the means were more than 6 millibars below the average and for September pressure fell short of the normal value by nearly 8 millibars. On the other hand the excess of the February mean over normal was of similar dimensions, being more than 7 millibars.

The highest and lowest pressures of the year were both recorded in January, the highest, on the 27th, being 1040·0 millibars and the lowest, on the 8th, 970·0 millibars, giving a total range for the year of 70 millibars. February, April and November all had ranges of more than 50 millibars. The smallest range for any month was 30·6 millibars recorded in May, while those for June and July were but little greater.

The diurnal inequality of pressure for the year as a whole shows the usual well marked double oscillation with maxima at 11h and 22h of which the second is the principal one ; and minima at 5h and 16h the principal of these two being the morning one. In the inequalities for the individual months it is found that the double

oscillation is much more prominent in some months than in others and in the summer months, May excepted, the morning maxima and the afternoon minima are not sufficiently well defined for times to be assigned to them. The greatest constancy is seen in the morning minimum which is the principal one for nine months of the twelve and occurs always at 4h, 5h or 6h, excepting in December, when it occurs at 2h. The afternoon minima in the winter and equinoctial months occur always at 15h, 16h or 17h; in May this minimum is at 18h and for the remaining summer months the time is indefinite. For the nine months in which the morning maximum can be detected with certainty it appears either at 11h or 12h except for September, in which month it occurs at 9h; in this month and in the winter months the morning maximum is the principal one. The night maximum in nine months out of the twelve occurs at 21h or 22h; in January and March it appears at 24h and in September still later, at the first hour after midnight.

The range of the mean inequality for the year is ·78 mb. while for the months considered individually it varies from ·86 mb. for May to 1·62 mb. for September. These ranges represent only the regular periodic changes in pressure and are small compared with the ranges obtained from the mean values of the daily maximum and minimum pressures found in Table 299, which vary from 5·92 mb. for May to 10·64 mb. for September.

Comparison of diurnal inequalities may be made by means of analysis into harmonic components. The details of the Fourier analysis of the diurnal inequalities for the year 1924 are given in Table A. The inequality may be represented by either of the equivalent formulæ :—

$$(a)\ a_1 \cos 15t + b_1 \sin 15t + a_2 \cos 30t + b_2 \sin 30t + \ldots\ldots\ldots\ldots\ldots$$

$$(b)\ c_1 \sin (15t + \alpha_1) + c_2 \sin (30t + \alpha_2) + \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots$$

where t is the time expressed in hours after midnight of Local Mean Time. In the printed table the co-efficients for formula (b) only are given. The figures in the line immediately following the monthly values are the arithmetic means for the year of the monthly amplitudes. On account of the very large changes in phase throughout the year in some of the terms the amplitudes obtained from the annual inequality are not adequate as measures of the effectiveness of such terms relative to others whose phase angles show less variation from month to month. In these cases comparison of the arithmetic means of the monthly amplitudes is more satisfactory.

The most important terms are the 24-hour and 12-hour terms. For the year considered as a whole the amplitude of the 24-hour term is markedly lower than for the period 1871–1882 whereas the arithmetic mean for the twelve months is slightly higher than for the same period which points apparently to a wider variation than usual in the 24-hour term phase angles throughout the year. The seasonal amplitudes show the usual variation, the winter one being the lowest and that for summer the highest. A considerable part of these differences is due, however, to the very much smaller phase changes during the summer months. The 24-hour term always shows wide and somewhat irregular variations from month to month both in phase and amplitude.

The 12-hour term is more nearly constant during the year, both in amplitude and phase. For 1924 the amplitudes are higher than average. The highest phase angle appears in winter and the lowest at the equinoxes. The summer phase angle in 1924 is unusually high; it is ordinarily lower than that for the equinoxes. The high winter phase angle appears to be the normal state of affairs at Valencia which differs in this respect from most British stations.

In the mean inequality for the year the 8-hour term appears almost negligible when its amplitude is compared with those of the two terms already considered, but that this is due mainly to the very wide variations in phase of this term during the

year is seen quite clearly by reference to the individual months. For all the winter months the 8-hour term amplitude is at least of the same order of magnitude as the 24-hour term amplitude. In November, and for the winter months considered as a whole, it is, in fact, the greater of the two. At other seasons it is relatively unimportant. The phase of this term has a fairly regular seasonal variation, changing somewhat rapidly at the equinoxes by approximately two right angles. The effect of the phase variation at this season is seen in the very small amplitude which appears for the equinoctial mean. In the 6-hour term amplitudes are small throughout and for this reason not very much weight can be attached to the individual phase angles. Nevertheless it is possible to detect an annual variation in the latter in which the movement is generally in the opposite sense to that of the 8-hour term.

Temperature.—The mean temperature for the year 1924 was very near to normal, being only 0·07a (0·12° F.) below it. The highest temperature recorded was no more than 292·1a (66·4° F.) which temperature was registered on the 2nd September. On only fourteen days during the whole year were temperatures of 290a (62·6° F.) or higher recorded. On the other hand very low temperatures were not common, the freezing point being passed only on seven days. The lowest temperature registered was 270·6a (27·7° F.) on the 2nd March. The full range of temperature for the year was thus 21·5a (36·7° F.). For the individual months mean temperatures in no case differed greatly from normal. December alone, with an excess of 1·47a (2·65° F.) showed a departure of a full degree (absolute). The monthly ranges of temperature varied from 9·5a (17·1° F.) in June to 16·0a (28·8° F.) in March and May.

The mean diurnal inequality for the year shows a single oscillation in the 24 hours with its maximum at 14h and its minimum at 4h and with a range of 2·29a (4·12° F.). Each of the monthly inequalities has a well marked single oscillation with its maximum at 14h or 15h, excepting that for July in which the maximum occurs at 16h. The time of the minimum does not show the same constancy. In January it is 8h and in succeeding months we find it becoming progressively earlier to June when it is 4h as it is also in July and August. In the four months remaining it varies from 7h in September to 3h in October and 1h in November, becoming much later in December at 8h. In September, October and November, however, the changes from hour to hour are so small and so irregular from midnight to 7h or 8h that the time of the actual lowest temperature depends largely on factors which may be regarded as accidental.

The harmonic analysis of the monthly and seasonal diurnal inequalities of temperature is given in Table B. The 24-hour term is in all cases predominant with the sole exception of the month of December in which the 12-hour term amplitude is slightly greater. Neither in the 24-hour term nor in the 12-hour term is there any very large variation in phase angle throughout the year, the effect of this being seen in each case in the slight differences between the mean amplitude for the year and the amplitude computed directly from the annual inequality. The highest of the seasonal amplitudes for the 24-hour term is found in summer, as is usual, but this amplitude is itself much below normal, the difference between the amplitudes at equinox and summer being usually much more pronounced. The phase angle is least in winter and greatest in summer, a complete reversal of the normal phenomena. For the 12-hour term the seasonal values follow the normal sequence both in amplitude and phase; but here again the summer amplitude is very decidedly low.

The 8-hour term amplitude for the year is so small as to be negligible compared with the other terms but this is due in large measure to the variations of phase angle in this term from month to month. There is approximate opposition of phase as between winter and summer while for the equinoctial months a rapid change takes place from winter to summer values. The equinoctial amplitude thus appears much smaller than those for the individual months which make up this season. The

winter and summer amplitudes are comparable in magnitude with those of the corresponding 12-hour terms, the summer 8-hour term amplitude being, in fact, greater than the 12-hour term amplitude. The seasonal changes in the 8-hour term accord fairly well with those found in a normal year.

The 6-hour term amplitude is greatest at the equinoctial seasons and smallest in winter but variable phase angle has much to do with the very small winter amplitude. The amplitudes for the individual winter months are quite appreciable though smaller than those found at equinox or summer.

Relative Humidity.—The highest mean daily value of the relative humidity was 95·8 per cent., recorded for the 10th July and the 23rd November. Another remarkably high summer value was 95·7, for the 24th June. The lowest value was 63·9 per cent. for the 14th March, a very close approach to this being 64·0 per cent. for the 12th April. The highest mean daily vapour pressure was 16·7 millibars for the 5th August and the lowest was 4·8 millibars for the 2nd March. The mean relative humidity for the year was 0·8 per cent. below normal and the mean hourly values for the year show a range of 6·0 per cent. as compared with a normal range of 8·8 per cent. Of the separate months, all except June, July and October had mean relative humidities less than normal, the deficiency for March being as much as 6 per cent. and for February 4·5 per cent. The excess for June, on the other hand, was 5·6 per cent. The diurnal inequality for the year shows a maximum in the early morning and a minimum in the afternoon ; neither of these is very sharply defined as to time of occurrence. There is only one well marked oscillation in the 24 hours. The individual months show, on the whole, similar features but there is some slight indication in most cases of a secondary minimum before the principal maximum.

Rainfall.—The total rainfall for the year was 9 per cent. higher than normal, the actual excess being 132 millimetres. The month with the highest rainfall was December, with 252 millimetres, or 53 per cent. more than normal. The lowest monthly total was that for March, the 40 millimetres which fell during that month being only 50 per cent. of the normal amount. The summer months all had rainfalls above their respective normal values. The greatest hour's rainfall was 13·1 millimetres which fell between 17h and 18h on the 17th June.

Bright Sunshine.—The total amount of bright sunshine for the year 1924 was about 19 per cent. less than the normal. Only February had more than average sunshine, the excess for this month being about 16 per cent. The most notable deficiency was for June, the total sunshine for this month being less than half the average amount. The greatest recorded sunshine for any one day was 13·1 hours, on the 18th May. There were only three other days during the whole summer on which 12 hours bright sunshine was experienced. The day with the greatest proportion of the total possible sunshine was the 12th April with 90 per cent., the actual sunshine recorded on this day being 12·3 hours.

Wind Speed.—The mean monthly wind speeds were higher than average in the summer months more particularly in August and September. In the winter months, on the other hand, mean wind speeds were generally below normal, especially in February ; December was an exception, the mean wind speed for this month being slightly higher than normal. Gales were few in number, being experienced only on one day in September and two days in December.

The highest hourly wind speed recorded was 20 metres per second (45 miles per hour) on the 20th September, with which was associated the highest gust of the year 35 metres per second (78 miles per hour).

Grass Minimum Temperature.—The mean of the monthly means given in Table 369 is 79·2a (43·2° F.). For no single month is the mean grass minimum temperature lower than the freezing point of water. The lowest value recorded in six months out of the twelve is below the freezing point and in no month is the lowest value as much as 4 degrees absolute higher than this point.

Cloud and Weather.—The mean amount of cloud at all observation hours was 7·9. The most cloudy month was June, with a mean cloud amount of 8·6 but July and August, each with mean amounts of 8·3 were hardly less so. The month with least cloud was April with a mean of 7·0. The mean values at the individual observation hours for the whole year show a steady fall in cloud amount from 7h to 21h. There were very few occasions of cloudless sky during 1924, these amounting to no more than 27 in more than 2,000 observations ; on no day throughout the year was the sky without cloud at all observation hours and the only near approach to this was on the 15th March, on which day the average cloud amount at all observation hours was 1·0.

IDENTIFICATION NUMBERS OF INSTRUMENTS IN USE IN 1924.

Standard Fortin Barometer	M.O. 463
Standard Dry Bulb Thermometer	M.O. 1701
Standard Wet Bulb Thermometer	M.O. 1702
Recording Beckley Raingauge	—
Control Raingauge	M.O. 402
Glass for Control Raingauge	M.O. 1330
Campbell Stokes Sunshine Recorder	M.O. 5
Robinson Cup Anemograph	Beck 46
Dines Tube Anemograph	—
Grass Minimum Thermometer	N & Z 2497

TABLE A.

Diurnal Variation of Barometric Pressure, 1924. *Fourier Coefficients.*
Cahirciveen (Valencia Observatory), Longitude 10° 15′ W.

Month or Season.	c_1	α_1	c_2	α_2	c_3	α_3	c_4	α_4
	mb.	° ′	mb.	°	mb.	°	mb.	°
January	·433	3 42	·438	135·7	·137	8	·075	234
February	·115	255 28	·353	146·2	·090	344	·021	123
March	·135	160 5	·368	136·4	·013	26	·057	8
April	·377	156 25	·316	147·9	·022	100	·029	35
May	·176	168 30	·263	138·1	·079	166	·035	333
June	·252	192 44	·215	162·7	·071	136	·035	346
July	·360	133 1	·196	147·2	·055	159	·018	356
August	·577	178 7	·299	150·7	·047	148	·049	319
September	·519	27 42	·454	144·0	·048	263	·074	8
October	·230	148 36	·343	153·7	·032	312	·021	348
November	·033	86 14	·354	157·1	·136	359	·040	154
December	·254	244 52	·347	178·7	·106	6	·082	218
Arithmetic Mean ...	·288	...	·329	...	·070	...	·044	...
Year	·104	154 16	·323	149·1	·023	13	·015	322
Winter	·102	315 39	·358	153·2	·115	360	·044	205
Equinox	·149	109 57	·369	145·2	·011	295	·044	9
Summer	·319	167 57	·240	149·4	·062	153	·033	334

TABLE B.

Diurnal Variation of Temperature, 1924. *Fourier Coefficients.*
Cahirciveen (Valencia Observatory), Longitude 10° 15′ W.

Month or Season.	c_1	α_1	c_2	α_2	c_3	α_3	c_4	α_4
	a.	° ′	a.	°	a.	°	a.	°
January	·565	227 24	·279	37·8	·106	224	·007	213
February	1·234	220 21	·347	58·8	·095	259	·042	201
March	1·473	228 27	·394	60·4	·108	300	·117	186
April	1·884	236 37	·405	77·6	·111	41	·091	244
May	1·670	249 38	·167	90·5	·226	72	·049	304
June	1·395	243 53	·039	30·9	·165	90	·065	305
July	1·227	244 18	·144	35·4	·154	94	·013	54
August	1·275	248 14	·220	50·8	·111	49	·029	227
September	1·056	238 56	·247	63·0	·062	359	·111	238
October	·976	241 19	·328	71·7	·089	256	·052	204
November	·745	245 22	·326	59·9	·138	240	·023	233
December	·251	247 27	·255	56·2	·143	236	·048	40
Arithmetic Mean ...	1·146	...	·263	...	·126	...	·054	...
Year	1·130	239 12	·255	61·1	·009	63	·033	232
Winter	·683	230 48	·301	53·8	·118	238	·006	190
Equinox	1·343	235 42	·343	68·7	·057	326	·084	219
Summer	1·389	240 44	·132	56·2	·159	78	·029	297

NOTE.—The seasonal means are derived from the following grouping of months:—*Winter:* January, February, November and December; *Equinox:* March, April, September, October; *Summer:* May to August, inclusive.

TERRESTRIAL MAGNETISM.

Notes on the Magnetic Observations for the Year 1924.

Absolute observations of declination, horizontal force and inclination were made weekly at the Valencia Observatory during the year 1923. The instruments in use were the same as in previous years, namely, the Dover unifilar, No. 139, with collimator magnet 139A and mirror magnet 139C, and the Dover dip circle, No. 118. The mean times of observation were 10·21 for the declination, 11·41 for the horizontal force and 14·29 for the inclination, all according to Greenwich Mean Time. In the individual observations the only departures of note from the mean times were one of 6 minutes and one of 7 minutes for inclination. The deflection of the mirror magnet was measured for two distances of the collimator magnet, namely, 30cm. and 40cm., and a single distribution constant, P, was calculated. The complete deflection observation consisted of eight readings of the mirror magnet. The extreme variation in P found for the year 1924 is 2γ in the value of H. The mean value of P was 7·54. The moment of the collimator magnet has decreased at the rate of about $1\frac{1}{2}$ units per annum.

The values of the declination, horizontal force and inclination obtained in the absolute observations are given in detail in Table C. All the observations made are included in this table, but in Table D the mean monthly values are computed from only such of the absolute observations as were taken at times subsequently found, by reference to the Kew magnetograph curves and the quarterly list of daily "magnetic characters" published by authority of the International Meteorological Committee, to be free from serious disturbance. Observations in Table C taken at disturbed times, and not, therefore, utilised for the mean values in Table D, are marked with an asterisk. The north, west and vertical components and the total force for each month and the year are computed from the corresponding mean values of the observed elements.

Westerly declination has diminished by 10′·6 as compared with 1923. From 1922 to 1923 the decrease was 10′·5 and in the previous 12 months 9′·5. The average annual decrease for the five years 1915–1920 was 9′·2, and for the five years 1910–1915 it was 8′·2. During the four years ending in 1924 the average annual decrement is 10′·7 so that the rate of the eastward movement of the magnetic needle appears to be increasing slowly.

Northerly inclination decreased by 0′·9 from 1923 to 1924. The corresponding change for the preceding year was −1′·5, and for the year previous to that −0′·4. From 1910 to 1915 the average yearly decrease was 1′·0 and from 1915 to 1920 0′·5. For the four years 1920–1924 the average change per year is −1′·2. Inclination, therefore, continues to diminish at a slow rate.

It was remarked in these notes for the year 1922, that since the year 1920 the horizontal force had appeared to be increasing slowly whereas previously it had shown a steady decline from year to year. For the five-year period 1910–1915 the average annual decrease was about 5γ and for the period 1915–1920 about 6γ, while from 1920 to 1921 an increase of 8γ appeared, followed the next year by a further increase, but only of 1γ. The mean for 1924 shows a further increase of 2γ over that for 1923, so that the steady rise in the horizontal force observed from 1921 onwards continues in the present year.

Reference to the last column of Table D shows that the reversal of the annual change in the horizontal force from 1920 onwards is not accompanied by any such reversal in the total force. From 1910 to 1915 the average yearly change in the total force was -49γ, and from 1915 to 1920 it was -33γ. From 1920 to 1924 the mean annual change is again -31γ, so that the total force continues to decrease at a fairly uniform rate. The individual changes from year to year as shown in the table are somewhat irregular, but this may be due in considerable measure to instrumental uncertainties. The total force is computed from the horizontal force and the inclination, using the formula $T = H \sec I$, so that an error of $0'{\cdot}1$ in I would give an error of approximately 4γ in T at Valencia. In addition, it is to be remembered that the secular change data for Valencia are obtained from absolute observations made at fixed hours at any of which the value obtained for an element may differ, by an amount which is not necessarily constant, from its true mean value for the day of observation. It is by no means improbable that owing to this and errors of observation, uncertainties to the extent of several tenths of a minute of arc may be introduced into the mean value of I for the year. For the average change over a series of years these possible errors are naturally much diminished and the average fall of 33γ per annum in the total force obtained from the values in Table D is probably a close approximation to the true change. This continued decrease in the total force indicates that the rise in the value of the horizontal force observed since 1920 is not a true increase in the magnetic field but merely a component increase arising from the continued fall in the inclination, which becomes proportionally more effective in the horizontal component as the actual inclination angle itself becomes smaller. The magnetic field in the Valencia district continues to become less year by year, therefore, although without observations of inclination the opposite would have appeared to be the case for the last four years.

Table C.

Cahirciveen (Valencia Observatory). Absolute Magnetic Observations, 1924.

Latitude 50° 56′. Longitude 10° 15′W.

Date.	Westerly Declination	Horizontal Force	Northerly Inclination	Date.	Westerly Declination	Horizontal Force	Northerly Inclination
	° ′	γ	° ′		° ′	γ	° ′
January 3 ..	18 42·0*	17872*	68 0·7*	July 2 ..	18 31·9	17857	68 1·8
,, 9 ..	18 40·4	17858	..	,, 9 ..	18 33·2*	17868*	67 59·1*
,, 10 ..	..	..	68 2·1*	,, 16 ..	18 33·5	17846	68 1·6
,, 16 ..	18 41·7	..	68 2·2	,, 23 ..	18 31·9	17845	68 0·2
,, 17 ..	18 43·6	17865	..	,, 30 ..	18 34·0	..	68 0·2
,, 23 ..	18 43·9*	17841*	67 59·4*				
,, 30 ..	18 41·3*	17826*	68 2·4*	August 6 ..	18 34·5	17843	68 0·1
				,, 13 ..	18 36·6	17868	68 0·0
February 6 ..	18 40·7	17845	68 1·4	,, 20 ..	18 33·1	17844	68 0·3
,, 13 ..	18 39·6	17850	68 0·1	,, 27 ..	18 34·8	17867	67 59·2
,, 20 ..	18 39·0*	17857*	67 59·5*				
,, 27 ..	18 38·1	17850	67 59·2	September 3 ..	18 34·4	17848	..
				,, 10 ..	18 34·9	17834	68 0·5
March 3 ..	18 42·7	17861	68 0·7	,, 17 ..	18 33·9	..	..
,, 14 ..	18 37·5	17861	..	,, 18 ..	18 32·3	17860	67 59·7
,, 15 ..	..	..	67 59·9*	,, 24 ..	18 32·9*	17832*	68 0·2*
,, 19 ..	18 40·7	17855	68 0·1	,, 30 ..	..	..	68 2·2
,, 26 ..	18 35·9	17842	68 1·2				
				October 2 ..	18 30·9	17840	67 59·4
April 2 ..	18 36·4	17852	68 0·8	,, 8 ..	18 32·0	17839	68 1·1
,, 9 ..	18 38·1	17848	68 0·7	,, 15 ..	18 30·2	17847	..
,, 16 ..	18 37·1	17847	67 59·9	,, 16 ..	..	..	68 2·0
,, 23 ..	18 36·3	17851	68 0·4	,, 23 ..	18 30·1*	17839*	68 2·0*
,, 30 ..	18 37·7	17855	67 59·9	,, 30 ..	18 31·5	17849	68 0·5
May 6 ..	..	..	68 1·9	November 6 ..	18 31·4	17867	68 1·4
,, 8 ..	18 35·0	17850	..	,, 13 ..	18 29·2	17869	68 1·2
,, 14 ..	18 36·1	17867	67 58·8	,, 20 ..	18 31·6	17863	68 0·7
,, 21 ..	18 37·8*	17847*	67 58·1*	,, 27 ..	18 29·4	17869	..
,, 28 ..	18 40·9*	17817*	68 3·5*	,, 28 ..	..	..	67 59·9
June 4 ..	18 32·5	..	68 2·2	December 4 ..	18 30·3	17872	68 1·1
,, 5 ..	..	17859	..	,, 11 ..	18 31·2	17857	67 59·4
,, 11 ..	18 36·5*	17827*	68 1·8*	,, 18 ..	18 29·7	17859	67 59·4
,, 18 ..	18 31·3*	..	..	,, 24 ..	18 29·3	17862	68 0·6
,, 19 ..	18 32·1*	17837*	67 59·7*				
,, 25 ..	18 31·9	17843	..				
,, 26 ..	..	..	67 59·6				

*Disturbance at these times. Values not utilised in computing means given in Table D.

TABLE D.

Valencia Observatory, Cahirciveen.

Magnetic Data for the Year 1924.

1924.	Declination (West).	Inclination (North).	Horizontal Force.	North.	West.	Vertical.	Total.
	° ′	° ′	γ	γ	γ	γ	γ
January	18 41·9	68 2·2	17861	16918	5726	44288	47754
February	18 39·5	68 0·2	17848	16910	5710	44182	47651
March	18 39·2	68 0·5	17855	16917	5711	44211	47680
April	18 37·1	68 0·3	17851	16917	5699	44194	47663
May	18 35·5	68 0·4	17859	16927	5694	44217	47688
June	18 32·2	68 0·9	17851	16925	5675	44215	47684
July	18 32·8	68 0·9	17849	16922	5677	44210	47678
August	18 34·8	67 59·9	17855	16924	5689	44189	47660
September	18 33·9	68 0·8	17847	16918	5682	44203	47671
October	18 31·1	68 0·8	17844	16916	5666	44186	47652
November	18 30·4	68 0·8	17867	16943	5673	44252	47712
December	18 30·1	68 0·1	17863	16939	5669	44216	47687
Year, 1924	18 34·9	68 0·6	17854	16923	5689	44213	47682
Year, 1923	18 46·5	68 1·5	17852	16902	5746	44242	47707
Year, 1922	18 57·0	68 3·0	17849	16882	5796	44289	47750
Year, 1921	19 6·5	68 3·4	17848	16865	5842	44299	47760
Year, 1920	19 17·9	68 5·3	17840	16837	5896	44353	47806
Year, 1919	19 27·2	68 6·1	17842	16823	5942	44385	47837
Year, 1915	20 3·8	68 7·9*	17869	16785	6130	44519*	47972*
Year, 1910	20 44·6	68 13·0	17892	16732	6337	44771	48215

* Mean of 11 months only.

Readings in millibars at exact hours, Greenwich Mean Time.

285. Cahirciveen (Valencia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **January, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	029·6	029·3	029·1	029·0	028·6	028·5	028·2	027·8	027·7	027·5	027·2	026·5	026·0	025·2	024·9	024·0	023·8	023·7	023·1	022·5	022·2	021·8	021·1	020·6	025·9
2	020·0	019·8	019·1	018·9	018·4	018·1	017·8	017·7	018·1	018·2	018·2	017·8	017·8	017·8	017·7	018·0	018·0	018·6	018·0	019·2	019·2	019·4	019·7	019·8	018·6
3	019·7	019·5	019·5	019·1	018·8	018·5	018·5	018·4	017·9	017·5	017·1	016·4	015·7	015·2	015·1	015·2	015·6	016·1	016·6	016·4	016·9	016·9	017·1	017·2	017·3
4	017·5	018·0	018·2	018·0	018·0	017·9	018·0	018·1	018·6	018·8	019·0	018·7	018·4	018·0	017·8	017·8	017·6	017·5	017·3	017·4	017·4	017·3	017·2	016·9	017·9
5	016·8	016·5	016·2	016·0	015·8	015·7	015·6	015·6	015·7	015·8	015·6	015·2	014·8	014·1	013·8	013·1	012·6	012·1	011·9	011·5	011·2	010·5	009·6	009·1	014·1
6	008·2	007·2	006·6	005·8	004·7	003·5	002·3	001·6	000·6	000·0	999·5	998·4	996·8	994·8	992·6	991·7	990·7	990·5	989·4	990·3	991·5	992·3	993·0	993·5	998·1
7	993·7	994·2	994·5	996·1	997·0	998·0	998·9	000·0	001·3	001·7	001·8	002·2	002·5	001·5	001·3	001·3	000·7	000·0	999·4	997·7	996·2	994·1	991·4	988·7	998·2
8	985·4	982·6	979·7	976·2	973·3	972·4	970·9	970·7	970·5	970·4	970·5	970·4	970·1	970·2	970·2	970·6	971·6	972·6	973·0	974·8	976·1	977·6	978·7	979·5	**974·3**
9	980·9	982·5	983·4	984·8	985·7	986·9	988·3	989·3	990·1	990·6	990·8	990·7	990·4	989·6	988·6	987·8	985·9	984·7	982·3	982·9	983·3	983·3	984·6	985·4	986·2
10	985·6	986·2	986·8	987·0	987·5	987·5	987·7	988·1	988·5	988·3	988·8	988·7	988·2	987·8	987·3	987·3	987·3	987·7	988·2	988·2	987·8	989·2	990·3	991·0	987·8
11	991·4	991·8	992·3	993·2	993·9	994·7	995·0	994·9	994·8	994·3	993·4	992·4	990·7	989·0	986·7	985·5	983·9	983·7	982·8	983·4	983·5	985·6	987·2	988·4	989·7
12	990·2	991·9	993·7	995·0	995·8	996·9	997·5	998·4	999·4	999·7	999·9	999·8	999·3	998·0	997·3	996·8	995·8	995·2	994·8	994·5	993·6	992·7	991·8	991·0	995·7
13	990·7	990·1	989·9	989·5	988·8	989·3	990·5	991·2	992·8	993·4	993·9	994·0	993·9	994·2	994·8	994·5	995·1	995·8	996·1	996·1	996·3	996·2	995·9	995·1	993·2
14	994·7	994·0	993·4	992·8	991·6	990·7	989·3	989·8	989·4	988·4	987·5	986·5	984·5	982·3	981·3	979·6	978·6	980·0	980·8	981·4	982·2	982·7	982·6	982·8	986·4
15	982·2	981·4	980·8	979·7	978·0	978·7	979·6	980·8	981·5	981·8	982·4	982·4	982·3	982·7	983·0	983·1	983·6	984·0	984·4	985·0	985·1	985·1	985·1	985·2	982·4
16	985·3	985·5	985·7	985·8	985·7	985·9	986·1	986·7	987·3	987·9	988·3	988·2	988·2	988·3	988·8	988·9	989·2	989·6	990·2	990·5	991·0	991·1	991·2	991·5	988·1
17	991·9	992·1	992·8	993·0	993·0	993·2	993·7	994·3	994·8	995·0	995·5	995·4	995·3	995·2	995·4	995·4	995·5	994·8	994·5	994·6	995·1	995·6	996·0	996·1	994·4
18	995·8	995·4	995·0	994·3	993·3	992·3	991·7	991·5	991·0	990·8	990·9	990·1	990·0	990·5	990·8	991·6	992·2	992·9	993·1	993·2	993·0	993·0	992·6	992·4	992·5
19	992·2	992·4	992·9	992·8	992·4	991·5	991·4	991·6	992·5	993·1	993·3	993·8	994·5	995·3	996·6	997·7	998·9	999·7	001·0	002·1	003·4	004·1	005·3	006·1	996·2
20	007·2	007·8	008·6	008·8	008·9	009·5	010·1	011·0	011·1	011·1	011·4	011·1	010·5	009·8	009·1	008·7	008·0	007·2	006·3	005·7	004·5	004·0	003·5	003·5	008·3
21	003·4	003·0	002·5	002·3	001·7	001·3	001·2	001·4	001·7	001·8	000·6	999·8	998·8	997·4	996·0	995·9	995·3	995·0	994·3	994·6	996·4	998·1	998·8	999·7	999·3
22	000·3	000·8	001·4	001·5	001·5	001·6	001·6	001·9	003·3	003·4	004·5	004·6	004·6	005·1	005·8	006·5	007·3	008·2	009·3	010·1	010·9	011·6	012·2	012·5	005·2
23	013·4	013·5	014·1	014·1	014·3	014·1	014·2	014·9	015·5	014·8	014·2	013·7	012·7	012·0	011·0	010·2	010·1	009·5	009·0	008·9	009·4	009·5	009·7	010·0	012·3
24	010·2	010·7	010·7	010·5	010·6	010·5	011·2	011·8	012·1	012·8	012·9	013·0	013·2	014·0	014·9	015·5	016·8	017·8	019·1	020·6	021·5	022·5	023·6	014·2	
25	023·7	024·3	024·7	025·1	024·7	025·2	026·0	027·0	027·9	028·1	028·7	029·0	029·1	029·1	029·1	029·2	029·5	029·6	029·7	029·9	030·0	029·9	029·7	028·6	027·7
26	028·3	028·2	028·1	027·8	027·4	027·1	026·8	027·1	027·2	027·3	027·0	027·0	026·2	026·1	025·6	025·2	025·6	025·8	025·7	025·8	027·9	030·0	030·8	032·2	027·3
27	033·0	033·7	034·4	035·3	035·8	036·0	036·7	037·2	038·1	038·6	039·2	039·0	038·2	038·2	038·6	039·0	039·2	039·3	039·5	039·8	040·0	039·7	039·7	039·8	**037·7**
28	039·5	039·3	039·0	038·6	038·4	038·0	037·9	037·7	037·7	037·5	036·9	036·2	035·5	035·2	034·7	034·4	034·3	034·0	033·8	033·2	033·0	032·6	032·2	031·9	036·1
29	031·2	030·5	030·2	029·7	029·7	029·3	029·2	029·1	029·1	029·0	028·9	028·6	028·3	027·3	027·1	026·8	026·7	026·5	026·0	025·9	025·5	025·2	024·8	024·3	028·0
30	023·9	023·8	023·5	023·3	023·0	022·8	022·7	022·8	023·0	023·2	023·3	023·1	023·0	022·7	022·7	022·6	022·6	022·5	022·5	022·2	022·2	022·2	022·0	021·9	022·9
31	021·5	021·1	020·7	020·4	020·3	020·0	020·3	020·6	021·0	021·1	022·6	023·1	023·0	023·2	024·0	024·9	025·8	026·4	027·3	028·1	028·9	029·6	030·2	030·6	023·8
Mean (Station level)	1006 ·69	1006 ·68	1006 ·69	1006 ·59	1006 ·34	1006 ·31	1006 ·39	1006 ·72	1007 ·09	1007 ·13	**1007 ·22**	1006 ·96	1006 ·53	1006 ·10	1005 ·86	1005 ·76	**1005 ·69**	1005 ·81	1005 ·80	1005 ·97	1006 ·27	1006 ·53	1006 ·66	1006 ·74	1006 ·44
Mean (Sea level)	1008 ·37	1008 ·36	1008 ·37	1008 ·27	1008 ·02	1007 ·99	1008 ·07	1008 ·40	1008 ·77	1008 ·81	**1008 ·89**	1008 ·63	1008 ·20	1007 ·77	1007 ·53	1007 ·43	**1007 ·36**	1007 ·48	1007 ·47	1007 ·64	1007 ·94	1008 ·20	1008 ·33	1008 ·41	1008 ·11

286. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **February, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	030·9	031·2	031·7	032·0	032·2	032·6	032·9	033·5	034·2	034·7	035·4	035·9	035·6	035·6	035·6	035·6	035·9	036·2	036·7	037·1	037·1	037·3	037·3	037·5	034·6
2	037·5	037·1	037·1	037·0	037·2	037·5	037·3	037·4	037·8	037·8	037·9	038·0	037·6	037·2	037·0	037·0	037·1	037·6	037·8	037·8	037·8	037·7	037·9	038·0	**037·5**
3	037·9	037·5	037·4	037·3	037·0	037·0	036·9	037·0	037·2	037·4	037·4	037·1	036·4	036·1	035·8	035·5	035·2	035·1	035·1	035·0	034·9	034·9	034·6	034·5	036·3
4	034·0	033·8	033·5	033·3	033·4	033·2	032·8	032·9	033·3	033·3	033·0	032·8	032·1	031·9	031·5	031·4	031·6	031·2	031·3	031·2	030·9	030·8	030·2	030·1	032·3
5	029·8	029·1	028·9	028·4	028·2	027·6	027·3	027·1	027·1	026·6	026·6	026·3	025·9	025·2	024·8	024·7	024·4	024·3	024·3	024·4	024·6	024·6	024·5	024·2	026·3
6	023·7	023·9	023·7	023·7	023·6	023·4	023·4	023·6	023·8	023·8	023·8	023·6	023·2	022·9	022·3	022·1	021·7	021·7	021·5	021·3	021·2	021·1	020·7	020·3	022·7
7	019·6	018·9	018·0	017·2	016·5	015·7	015·1	014·7	014·5	013·9	013·0	012·3	011·4	010·1	009·3	007·9	006·9	006·1	005·2	003·8	002·7	001·3	999·4	997·7	010·9
8	995·9	994·1	992·9	990·0	988·3	987·9	986·5	986·0	987·3	987·2	987·0	986·0	985·4	984·3	983·3	982·3	981·4	980·7	979·2	978·5	977·6	976·0	975·6	985·5	
9	975·8	975·9	975·9	976·0	976·3	976·6	976·9	977·5	978·3	978·7	978·9	978·9	978·8	978·8	978·7	978·7	978·7	978·6	978·3	977·8	977·3	977·0	976·5	976·2	977·5
10	975·7	975·0	974·3	973·7	973·4	973·2	973·4	973·5	973·9	974·5	974·8	975·3	975·2	975·5	975·6	976·1	976·8	977·7	978·2	979·1	979·8	980·8	981·2	981·8	**976·1**
11	982·6	983·3	983·8	984·0	984·9	985·8	986·6	987·4	988·3	988·8	989·6	990·2	990·5	990·7	991·2	991·7	992·5	992·9	993·2	993·1	993·0	993·3	993·5	993·4	989·1
12	992·9	992·3	991·4	990·9	990·2	989·4	988·5	987·3	986·6	985·9	985·0	984·3	983·6	982·9	982·5	982·2	982·2	982·4	982·8	983·0	983·8	984·5	985·4	985·9	986·2
13	987·0	987·8	988·5	989·3	990·8	991·8	993·2	994·5	995·8	996·8	998·2	999·2	000·0	000·4	001·6	002·8	004·4	005·7	007·1	008·4	009·9	011·0	012·5	013·5	999·0
14	014·2	014·9	015·7	016·4	017·2	017·9	018·9	019·6	020·5	021·3	022·0	022·6	022·8	022·8	023·2	023·6	023·9	024·7	025·1	025·6	026·0	026·4	026·7	027·1	021·3
15	027·5	027·7	027·8	027·7	027·7	027·7	027·8	027·9	028·3	028·6	028·6	028·9	028·8	028·5	028·0	027·7	027·3	027·0	026·6	026·1	026·2	026·1	026·0	026·6	026·5	027·5
16	026·7	027·4	027·0	027·3	027·9	029·3	029·5	029·5	030·7	030·7	031·4	032·1	032·4	032·5	032·6	032·7	033·4	034·0	034·6	035·2	035·7	035·8	035·6	036·0	031·5
17	036·0	035·8	035·8	035·8	035·7	035·7	035·6	035·7	035·7	035·7	035·5	035·3	034·1	033·3	032·8	031·9	031·3	030·9	030·5	030·1	029·7	028·6	027·9	027·0	033·4
18	026·1	025·2	024·2	024·2	023·7	023·3	023·5	023·7	023·8	023·9	024·3	024·2	024·0	024·1	024·2	024·4	024·5	024·5	025·4	026·2	026·9	026·8	027·2	027·0	024·8
19	026·8	026·8	026·2	026·2	026·2	025·8	025·7	025·9	026·4	026·1	026·0	025·9	025·8	025·4	025·3	025·0	024·9	025·3	025·3	025·7	025·9	025·7	025·4	025·5	025·8
20	025·6	025·3	025·1	025·0	025·1	025·1	025·2	025·5	025·7	025·8	025·8	025·8	025·6	025·4	025·0	024·7	024·7	024·9	024·9	024·9	025·3	025·4	025·1	025·2	025·3
21	025·1	024·9	024·9	024·7	024·7	024·9	025·1	025·8	026·0	026·1	026·4	026·5	026·3	026·0	025·7	025·4	025·3	025·2	025·5	025·6	026·2	026·2	026·3	026·6	025·6
22	026·6	026·4	026·2	026·2	026·5	026·9	027·2	028·0	028·8	029·2	029·5	029·7	029·4	029·5	029·8	029·8	030·0	030·4	030·9	031·3	031·7	032·0	032·2	033·0	029·1
23	033·2	033·3	033·3	033·3	033·7	034·0	034·3	035·0	035·4	035·5	035·7	035·7	035·4	035·2	035·3	035·1	035·3	035·5	035·7	035·7	035·6	035·4	035·4	035·3	034·8
24	035·0	034·5	034·1	034·0	033·5	033·2	032·7	032·2	032·0	031·5	031·1	030·4	029·7	028·8	028·2	027·3	026·6	026·6	026·3	026·2	026·1	026·0	025·7	025·5	030·1
25	025·2	025·0	024·5	024·1	023·5	023·1	024·0	024·1	024·1	023·9	024·0	023·9	023·5	023·2	023·1	023·2	023·3	023·5	024·0	024·2	024·2	024·9	025·4	025·8	026·3	024·2
26	026·4	026·6	026·9	027·4	027·4	027·9	028·2	028·5	029·0	029·1	029·2	029·1	028·9	028·8	028·6	028·5	028·8	028·8	029·1	029·3	029·1	029·1	029·0	029·0	028·4
27	028·9	028·5	028·3	028·1	028·0	027·9	027·6	027·7	027·7	027·6	027·5	027·2	026·8	026·2	025·6	025·1	024·6	024·5	024·3	024·9	025·0	025·1	025·3	026·6	
28	025·3	025·4	025·6	025·6	025·7	025·5	025·5	025·6	025·9	025·9	026·1	025·8	025·5	025·1	024·7	024·7	024·6	024·3	023·9	023·3	022·9	022·2	021·7	024·9	
29	020·8	019·7	018·6	017·4	016·3	015·5	014·0	013·1	012·3	011·3	010·5	009·5	008·7	008·0	007·4	006·9	006·0	005·7	005·4	005·0	004·4	004·1	003·8	003·1	010·7
Mean (Station level)	1019 ·06	1018 ·87	1018 ·67	1018 ·49	1018 ·44	1018 ·47	1018 ·47	1018 ·66	1018 ·99	1019 ·02	**1019 ·12**	1019 ·09	1018 ·77	1018 ·47	1018 ·27	1018 ·09	**1018 ·08**	1018 ·19	1018 ·27	1018 ·30	1018 ·39	1018 ·37	1018 ·27	1018 ·23	1018 ·56
Mean (Sea level)	1020 ·76	1020 ·57	1020 ·37	1020 ·20	1020 ·15	1020 ·18	1020 ·18	1020 ·37	1020 ·70	1020 ·72	**1020 ·82**	1020 ·79	1020 ·46	1020 ·16	1019 ·96	1019 ·78	**1019 ·77**	1019 ·89	1019 ·97	1020 ·00	1020 ·09	1020 ·07	1019 ·97	1919 ·93	1020 ·26
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

287. Cahirciveen (Valencia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **March, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	002·6	001·8	001·0	000·7	999·9	999·8	999·2	998·7	998·3	997·9	997·0	995·9	994·9	994·2	992·5	991·6	990·2	989·8	989·2	989·1	988·8	988·9	988·6	988·4	995·3
2	987·4	986·6	985·5	984·4	983·9	983·8	983·0	982·6	983·0	983·5	984·6	985·7	986·3	987·1	987·7	987·7	987·7	988·2	988·3	989·0	990·1	990·3	990·8	991·4	986·5
3	992·0	992·5	992·3	991·9	992·2	992·1	992·5	992·2	992·3	992·8	992·7	993·1	994·1	995·3	996·0	997·0	997·5	998·5	999·0	999·6	000·1	000·3	000·9	001·6	995·1
4	001·5	002·3	002·4	002·6	002·8	003·1	003·5	003·8	004·4	004·7	004·8	005·1	005·2	005·1	005·2	005·0	005·1	005·2	005·4	005·3	005·0	004·6	004·2	003·9	004·1
5	003·5	002·6	002·4	002·1	002·3	003·2	004·9	006·8	008·7	009·5	010·6	011·6	012·4	012·8	013·5	014·2	015·1	016·0	017·0	017·8	018·6	019·3	019·9	019·9	010·7
6	020·3	020·8	021·1	021·1	021·2	021·3	021·8	022·4	022·7	023·0	023·0	023·1	023·0	022·8	022·7	022·7	022·7	022·8	023·0	023·0	022·9	022·8	022·8	022·8	022·3
7	023·0	022·9	022·4	022·1	022·2	022·2	022·2	022·4	022·5	022·3	022·4	022·4	022·0	021·8	021·5	021·5	021·0	020·8	020·8	020·7	020·5	020·3	020·2	020·0	021·7
8	019·7	019·2	018·8	018·2	017·9	017·6	017·6	017·6	017·6	017·2	016·9	016·5	016·0	015·8	015·4	014·7	014·3	014·1	014·1	014·2	014·4	014·3	014·0	013·6	016·4
9	013·0	012·9	012·3	012·0	011·8	011·7	011·6	011·8	011·9	011·8	011·7	011·5	011·3	011·2	011·2	010·8	010·6	010·7	010·6	010·6	010·7	010·5	010·3	010·6	011·4
10	010·3	010·4	010·3	009·9	009·7	009·5	009·6	009·7	009·8	009·9	010·0	010·2	010·0	009·9	009·8	009·7	010·2	010·4	010·8	010·6	010·7	011·0	011·1	011·4	010·2
11	011·6	011·2	011·1	011·0	011·2	011·1	011·9	012·1	012·6	012·8	013·1	013·3	013·9	014·0	013·9	013·8	014·0	013·8	014·0	014·1	014·2	014·6	014·3	014·1	012·9
12	014·0	013·2	012·3	012·2	012·8	012·4	012·5	012·6	012·8	012·7	013·0	013·0	012·6	012·1	012·0	011·2	011·1	011·0	011·7	011·9	012·2	012·3	012·6	012·7	012·4
13	012·8	012·8	012·8	012·5	012·6	013·0	013·2	013·5	013·3	013·2	013·2	013·2	013·1	013·0	012·8	012·5	012·6	012·8	013·2	013·6	014·5	014·6	014·9	015·1	013·2
14	015·1	015·2	015·2	015·1	014·9	015·0	015·4	016·0	016·2	016·3	016·5	016·3	016·0	016·0	015·9	015·8	015·5	015·8	016·0	016·7	016·1	016·4	016·5	017·0	015·8
15	017·0	017·0	016·8	016·6	016·7	016·7	017·0	017·1	017·2	017·3	017·3	017·5	017·7	017·3	017·3	017·3	017·3	017·5	017·6	017·8	018·2	018·2	018·0	017·7	017·3
16	017·6	017·4	017·2	017·1	016·8	016·8	017·2	017·4	017·5	017·5	017·5	017·3	017·2	016·8	016·6	016·6	016·6	016·8	017·1	017·4	017·6	017·6	017·7	017·9	017·2
17	017·9	017·8	017·7	017·5	017·4	017·5	017·8	017·8	018·0	017·9	017·7	017·6	017·5	017·2	016·9	016·4	016·3	016·5	016·4	016·6	016·8	016·6	016·6	016·4	017·2
18	016·0	016·0	015·6	015·2	015·1	015·0	015·0	015·0	015·0	014·8	014·9	014·8	014·6	014·0	013·6	013·2	013·0	012·6	012·4	012·3	012·1	012·1	011·9	011·5	014·1
19	011·1	010·4	009·7	009·0	008·6	008·1	007·8	007·5	007·2	006·8	006·7	006·6	005·9	005·0	004·3	003·9	003·2	003·2	003·3	003·4	003·2	002·9	002·8	002·5	006·1
20	002·0	001·6	000·8	000·0	999·6	999·1	999·3	999·5	999·6	999·5	999·2	998·9	998·5	998·6	998·9	998·8	998·7	998·6	998·5	998·4	998·4	997·8	997·7	997·3	999·2
21	997·1	996·6	996·1	995·7	995·3	995·1	995·1	995·2	995·2	995·3	995·2	995·1	995·0	994·8	994·8	994·5	994·5	994·7	995·2	995·6	995·8	995·9	996·1	996·5	995·5
22	996·7	996·9	997·2	997·3	997·2	997·1	997·4	997·1	997·6	997·8	997·7	996·7	995·7	994·8	993·7	992·6	991·5	990·2	988·9	987·5	986·6	985·5	985·0	984·4	993·7
23	983·7	983·2	983·1	981·9	981·5	980·6	980·5	980·4	980·5	980·4	980·4	980·4	980·6	980·6	980·7	980·8	981·2	981·4	981·8	982·5	983·0	983·4	983·9	984·4	**981·7**
24	984·7	985·0	985·3	985·5	985·5	985·7	985·8	986·1	986·3	986·5	986·3	986·1	986·0	985·7	985·5	985·4	985·3	985·3	985·5	985·8	986·2	986·3	986·2	986·3	985·7
25	986·1	985·8	985·7	985·6	985·6	985·3	985·6	985·6	985·7	985·8	985·8	985·8	985·8	985·7	985·6	985·5	985·5	985·6	985·8	986·0	986·3	986·3	986·2	986·2	985·8
26	986·1	986·0	985·8	985·8	985·9	985·9	986·2	986·6	987·1	987·3	987·9	988·3	988·4	988·7	988·9	989·3	989·9	990·6	991·2	991·9	992·7	993·2	993·7	994·0	988·6
27	994·3	994·8	995·2	995·5	995·8	996·4	997·0	997·9	998·6	998·8	999·1	999·6	999·9	000·2	000·4	000·5	000·7	001·1	001·4	001·9	002·4	002·4	002·7	002·9	999·0
28	002·9	003·0	002·9	002·9	003·0	003·2	003·7	004·2	004·4	004·4	004·9	005·0	005·1	005·2	005·4	005·4	005·5	005·9	006·4	007·0	007·5	007·8	008·2	008·6	005·0
29	008·6	008·5	008·4	008·5	009·0	009·5	010·0	010·7	011·6	012·1	012·9	013·5	013·9	014·4	014·5	014·7	015·2	016·1	016·9	017·7	018·7	019·0	019·4	020·0	013·3
30	020·3	020·6	020·9	021·3	021·9	022·5	023·1	024·1	024·7	024·9	025·6	026·1	026·0	026·1	026·0	025·7	025·4	026·0	026·6	026·9	027·4	027·5	027·4	027·5	024·6
31	027·1	027·1	027·0	026·7	026·5	026·5	026·7	026·6	026·5	026·3	026·3	026·3	026·3	026·3	026·0	025·8	025·6	025·3	025·5	026·0	026·2	026·6	026·5	026·4	**026·4**
Mean (Station level)	1006 ·32	1006 ·20	1005 ·98	1005 ·74	**1005 ·07**	**1005 ·07**	1005 ·94	1006 ·16	1006 ·41	1006 ·49	1006 ·61	1006 ·66	1006 ·61	1006 ·52	1006 ·42	1006 ·27	1006 ·22	1006 ·37	1006 ·58	1006 ·81	1007 ·04	1007 ·07	1007 ·13	**1007 ·19**	1006 ·41
Mean (Sea level)	1008 ·00	1007 ·88	1007 ·66	1007 ·42	**1007 ·38**	**1007 ·38**	1007 ·62	1007 ·84	1008 ·00	1008 ·17	1008 ·28	1008 ·33	1008 ·28	1008 ·19	0108 ·09	1007 ·94	1007 ·89	1008 ·04	10 05 ·25	1008 ·49	1008 ·72	1008 ·75	1008 ·81	**1008 ·87**	1008 ·09

288. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **April, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	026·3	026·2	026·0	025·9	026·0	026·3	026·7	026·9	027·2	027·2	027·0	026·7	026·4	026·0	025·6	025·4	025·2	025·3	025·4	025·7	025·9	026·0	026·0	026·0	026·1
2	026·0	025·6	025·1	024·8	024·6	024·7	025·0	025·2	025·3	025·1	024·8	024·7	024·3	023·8	023·4	023·0	023·0	023·2	023·2	023·3	023·3	023·6	023·7	023·8	024·3
3	023·5	023·2	022·6	022·2	022·2	022·3	022·8	023·1	023·1	023·1	022·9	022·6	022·5	022·3	022·1	021·7	021·8	022·1	022·2	022·2	023·1	023·2	023·2	023·3	022·7
4	023·3	023·1	023·1	023·0	022·8	022·8	023·1	023·2	023·2	023·1	022·7	022·3	022·2	022·3	022·4	022·0	022·5	022·8	023·2	023·6	024·2	024·4	025·0	025·1	023·1
5	024·9	024·8	024·8	024·5	024·9	025·0	025·1	025·1	025·2	025·3	025·5	025·5	025·1	024·6	024·5	024·2	024·1	024·2	024·4	024·7	025·0	025·1	024·9	024·7	024·8
6	024·6	024·3	023·8	023·6	023·2	023·3	023·2	023·2	023·2	023·1	022·8	022·5	021·9	021·5	021·3	020·8	020·4	020·1	020·1	020·1	020·0	019·9	019·7	019·2	022·0
7	019·0	018·6	018·0	017·6	017·3	017·0	016·9	017·0	016·7	016·5	016·0	015·5	015·0	014·6	014·1	013·7	013·2	012·9	012·5	012·6	012·6	012·6	011·7	011·4	015·3
8	010·8	010·3	009·8	009·4	008·9	008·8	008·6	008·6	008·2	008·1	007·6	007·6	007·3	006·8	006·2	006·3	006·0	005·8	005·5	005·6	005·8	005·7	005·7	005·4	007·6
9	005·1	004·6	004·4	004·3	004·2	004·1	004·2	004·3	004·2	003·9	003·7	003·2	002·8	002·7	001·8	001·6	001·3	001·0	000·7	000·8	000·7	000·5	000·8	001·3	002·8
10	001·2	001·1	001·4	001·5	001·5	001·7	002·2	002·3	003·1	003·2	003·5	004·3	004·5	004·7	005·0	005·3	005·8	006·2	006·8	007·4	008·2	008·4	008·8	009·3	004·3
11	009·3	009·3	009·2	009·1	009·0	008·5	008·2	007·7	006·7	005·7	004·6	003·4	002·8	001·8	001·3	000·7	000·0	000·0	999·4	999·2	999·1	999·2	000·0	000·3	004·1
12	000·5	000·8	000·9	001·1	001·2	001·7	001·8	002·1	002·9	002·8	002·9	003·1	003·5	003·7	003·6	003·7	003·6	003·6	003·4	003·1	002·9	001·8	001·1	000·4	002·3
13	000·4	999·9	999·5	999·2	999·2	999·1	999·0	999·2	999·1	998·9	998·7	998·2	997·6	997·0	996·2	995·7	995·1	994·5	994·0	993·7	992·8	992·5	992·3	991·8	997·0
14	991·0	990·8	990·9	991·1	991·4	992·3	993·1	993·9	994·7	995·4	995·8	996·4	997·0	997·6	997·9	998·2	998·8	999·5	000·0	000·7	001·4	001·9	002·4	002·8	996·2
15	003·1	003·2	003·4	003·6	004·1	004·7	005·4	006·0	007·0	007·1	008·0	008·5	009·1	009·8	010·1	010·5	011·1	011·9	012·2	013·2	013·9	014·2	014·2	014·3	008·5
16	014·3	014·7	014·7	014·6	014·7	014·9	015·1	015·3	016·1	015·8	015·8	015·8	016·0	016·1	015·9	015·9	016·1	016·0	016·0	016·3	016·7	016·4	017·3	016·7	015·7
17	016·9	017·0	016·9	017·2	017·2	017·3	017·7	018·3	018·3	018·6	019·1	019·1	019·1	019·7	019·8	020·1	020·3	020·4	020·9	021·2	021·8	021·9	022·0	022·3	019·1
18	022·5	022·3	022·2	022·1	022·3	023·3	023·5	023·3	023·9	024·4	024·7	024·9	025·2	025·2	025·3	025·4	025·1	025·8	026·3	027·0	027·3	027·2	027·3	027·3	024·6
19	028·1	028·6	028·9	028·7	028·8	029·2	029·3	028·8	029·3	029·7	030·1	030·6	030·7	030·7	030·8	030·8	031·1	031·2	032·0	032·5	032·9	033·1	033·5	033·6	030·4
20	033·6	033·6	033·6	033·7	033·7	033·9	034·1	034·5	034·8	035·1	035·3	035·2	035·3	035·2	034·8	034·3	034·1	034·1	034·0	034·1	034·2	033·8	033·4	033·0	**034·2**
21	032·8	032·3	031·4	031·1	030·5	030·3	030·2	029·8	029·6	029·2	029·2	028·5	027·7	026·9	025·9	025·3	024·8	024·2	023·7	023·4	023·0	022·6	022·1	021·2	027·6
22	020·4	019·6	018·9	018·2	017·4	016·6	015·9	015·5	015·0	014·8	014·2	013·5	012·7	012·1	011·5	010·9	010·3	009·8	009·7	009·5	009·3	009·0	008·6	008·1	013·7
23	007·6	006·7	005·9	005·0	004·2	004·2	004·3	002·6	002·6	002·1	001·9	000·9	000·1	999·8	999·3	998·6	997·9	997·7	997·6	997·9	998·4	998·1	998·2	998·0	001·4
24	997·5	996·7	995·9	995·2	994·9	994·7	994·2	993·8	994·0	993·9	993·9	993·9	994·0	994·1	994·2	994·5	994·8	994·9	995·1	995·2	995·3	994·7	994·2	993·8	994·8
25	992·5	991·5	990·4	989·0	988·3	988·1	987·9	987·6	987·9	987·8	987·8	987·3	986·9	987·3	987·8	987·8	987·8	987·9	987·7	987·6	987·0	986·4	985·6	985·1	988·0
26	985·1	984·9	984·4	983·8	983·3	982·8	982·7	982·6	982·6	982·5	982·8	982·9	983·1	983·4	984·6	986·0	988·0	989·0	989·9	991·3	992·6	993·8	994·2	994·5	994·1	**986·3**
27	993·8	992·5	991·1	990·0	988·6	987·6	986·0	985·9	987·5	988·8	991·0	992·2	993·3	994·0	994·1	994·2	994·4	994·7	993·9	993·1	992·7	992·2	991·8	991·8	991·5
28	991·3	991·1	991·2	991·2	991·4	992·7	993·7	994·4	995·1	995·9	996·1	996·7	997·0	997·5	997·9	998·1	998·6	999·0	999·5	000·0	000·4	000·5	000·8	000·9	996·1
29	000·5	000·1	999·9	999·5	998·7	997·7	997·3	996·7	995·4	994·6	994·9	995·1	995·3	995·4	995·7	995·9	995·7	995·6	995·0	994·9	994·3	993·8	993·2	996·4
30	992·3	991·4	991·2	991·1	992·1	993·6	994·6	996·0	997·0	997·8	998·7	999·3	000·1	000·6	001·0	001·8	002·6	003·0	003·7	004·1	004·8	005·0	005·3	005·8	998·6
Mean (Station level)	**1010 ·61**	1010 ·29	1009 ·98	1009 ·71	**1009 ·55**	1009 ·64	1009 ·71	1009 ·74	1009 ·96	1009 ·97	1010 ·04	1010 ·01	1009 ·94	1009 ·90	0109 ·79	1009 ·74	1009 ·79	1009 ·91	1010 ·00	1010 ·18	1010 ·38	1010 ·23	1010 ·25	1010 ·14	1009 ·99
Mean (Sea level)	**1012 ·30**	1011 ·98	1011 ·67	1011 ·40	**1011 ·24**	1011 ·33	1011 ·40	1011 ·43	1011 ·64	1011 ·65	1011 ·72	1011 ·68	1011 ·62	1011 ·57	1011 ·46	1011 ·41	1011 ·46	1011 ·59	1011 ·68	1011 ·86	1012 ·06	1011 ·91	1011 ·93	1011 ·83	1012 ·67

G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

289. Cahirciveen (Valencia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	005·1	006·2	006·3	006·4	006·6	006·7	007·0	007·2	007·5	007·6	007·5	007·8	007·4	007·1	006·5	006·2	005·7	005·2	004·8	004·4	003·8	003·1	002·5	002·1	006·0
2	001·5	001·2	001·2	000·9	000·7	000·5	000·3	000·2	000·2	000·1	000·2	000·1	000·2	000·2	000·2	000·1	000·1	000·1	000·2	000·5	000·8	001·0	001·5	001·6	000·6
3	001·8	002·1	002·1	002·6	003·0	003·9	004·9	005·4	006·6	006·8	007·8	008·6	009·0	009·5	010·3	010·5	011·2	011·5	012·0	012·7	013·6	014·2	014·7	015·1	008·0
4	015·4	015·2	015·1	015·2	015·3	015·6	015·9	016·1	016·2	016·0	016·3	015·9	015·7	015·4	015·3	015·0	014·9	014·7	014·7	014·8	015·0	014·0	014·8	014·9	015·3
5	014·8	014·6	014·6	014·7	014·4	014·9	015·0	015·4	015·6	016·0	016·0	015·7	015·4	015·2	014·3	013·2	012·1	011·1	010·6	010·2	010·0	009·3	009·1	009·0	013·5
6	008·6	008·1	007·6	007·2	006·8	006·5	006·3	005·9	005·3	004·5	004·1	003·7	003·6	003·1	003·0	002·8	002·6	002·1	001·5	001·7	002·4	002·8	002·7	002·8	004·5
7	002·6	002·9	003·2	003·9	004·6	005·0	006·0	006·6	007·2	007·4	008·0	008·7	008·7	008·7	009·2	009·3	010·0	010·0	010·3	010·9	011·3	011·5	011·4	011·3	007·7
8	011·2	011·5	011·5	011·7	011·9	012·2	013·1	013·7	014·2	014·7	015·1	015·5	015·9	016·3	016·8	017·0	017·5	017·6	017·8	018·1	018·0	017·9	017·5	017·0	015·0
9	016·6	015·9	015·2	014·3	013·5	012·9	012·2	011·8	011·3	011·1	011·0	011·0	010·8	010·5	010·4	009·9	009·8	009·1	009·0	008·7	008·6	008·0	007·5	007·2	011·3
10	007·0	006·8	006·1	005·9	005·7	005·6	006·0	005·7	005·7	005·5	005·5	005·2	005·1	005·4	005·5	005·7	005·8	005·9	006·1	006·5	006·8	007·1	007·1	007·3	006·0
11	007·2	007·0	006·8	006·6	006·6	006·6	006·5	006·2	006·2	006·1	005·9	005·8	005·6	005·3	005·2	005·3	005·4	005·6	005·9	006·7	007·3	007·9	008·5	008·7	009·0	006·5
12	009·1	009·2	009·2	009·6	009·5	009·7	009·7	009·8	009·9	009·7	009·5	009·4	009·2	009·0	008·5	008·0	007·4	006·9	006·2	005·9	005·7	005·1	005·1	005·4	008·3
13	005·4	005·8	005·9	006·1	006·4	007·4	008·5	009·3	010·2	010·4	011·0	011·2	011·0	011·3	011·1	011·0	011·1	010·8	010·6	010·4	010·5	010·2	010·2	009·9	009·3
14	009·3	009·2	008·9	008·6	008·8	009·0	009·2	009·4	009·6	010·0	010·2	010·5	010·7	010·9	011·4	011·7	012·4	013·1	013·3	013·6	014·1	014·1	013·9	013·6	011·0
15	013·4	013·2	012·6	011·9	011·8	011·3	011·7	011·4	011·8	012·0	012·2	012·3	012·4	012·6	012·8	013·0	013·0	013·4	013·8	014·3	015·0	015·5	016·1	016·6	013·0
16	016·9	017·2	017·4	017·8	018·2	018·6	019·3	019·9	020·3	020·8	021·1	021·4	021·6	021·8	021·9	021·9	021·8	022·0	022·1	022·2	022·6	022·5	022·3	021·9	**020·5**
17	021·5	021·2	021·0	020·8	020·7	020·5	020·4	020·0	019·9	019·2	019·0	018·7	018·6	018·3	017·7	017·1	016·6	016·3	016·1	016·1	015·5	015·0	014·6	018·7
18	014·4	014·0	013·3	012·5	012·3	012·1	011·8	011·6	011·5	011·0	010·6	010·1	009·5	009·1	008·9	008·2	007·6	007·0	006·8	006·5	006·5	006·1	005·6	005·0	009·9
19	004·4	004·0	003·7	003·1	002·9	002·7	002·1	001·8	001·3	001·2	001·0	001·0	000·5	000·0	999·6	999·0	998·9	998·7	998·6	998·5	998·8	999·0	999·3	999·6	000·9
20	999·9	000·0	999·9	999·9	999·9	999·9	999·9	000·0	999·7	999·4	999·0	998·2	998·2	997·9	997·2	996·7	996·3	996·1	996·2	996·4	996·8	997·6	997·7	997·9	998·1	998·3
21	998·2	998·1	997·9	997·7	997·6	997·4	997·5	997·4	997·5	997·5	997·7	998·0	998·1	998·0	998·1	998·2	998·1	998·0	998·1	938·5	999·0	999·0	999·0	998·9	998·0
22	998·6	998·2	997·9	997·5	997·5	997·4	997·4	997·9	997·8	998·0	998·5	999·0	999·5	000·0	000·4	000·9	001·4	001·8	002·2	002·6	003·0	003·0	003·0	002·6	999·8
23	002·1	001·1	999·4	998·2	998·6	998·9	998·9	998·9	998·9	999·0	999·0	998·4	998·3	998·2	998·1	998·1	997·2	996·8	996·5	996·3	996·2	996·0	995·7	995·2	994·7	998·1
24	994·1	993·7	993·2	993·0	992·5	992·3	992·2	992·1	992·2	992·3	992·9	993·3	993·7	994·2	994·6	994·8	995·2	996·1	996·8	997·6	998·5	998·9	999·3	999·7	**994·6**
25	999·9	000·2	000·3	000·4	000·7	000·9	001·4	001·8	002·3	002·5	002·9	003·3	003·7	004·1	004·7	004·8	005·1	005·5	005·9	006·2	007·0	007·5	007·7	007·9	003·4
26	008·1	008·3	008·4	008·6	008·7	009·0	009·3	009·6	009·7	009·8	009·7	009·6	009·4	009·4	009·1	008·7	008·2	007·8	007·4	007·3	007·5	007·6	007·7	007·7	008·6
27	007·7	007·4	007·4	007·2	007·3	007·6	008·2	008·4	008·4	008·3	009·1	009·3	009·4	009·9	010·1	010·2	010·3	010·5	010·8	011·1	011·9	012·1	012·1	012·2	009·4
28	011·6	011·5	011·3	011·1	010·9	010·9	011·0	011·0	011·1	010·9	010·9	010·9	010·8	010·6	010·2	009·8	009·6	009·6	009·9	010·0	010·2	010·4	010·2	009·5	010·6
29	009·0	008·6	007·8	007·1	005·9	005·3	005·1	005·1	005·0	004·4	004·4	004·0	003·9	003·0	002·8	002·7	002·8	002·9	003·0	003·4	003·4	003·3	003·1	004·7
30	002·8	002·6	002·2	002·1	002·1	002·2	002·2	002·1	002·4	002·6	002·6	003·2	003·5	004·1	004·4	004·8	005·1	005·3	005·6	006·0	006·7	007·2	007·3	007·4	003·9
31	007·3	007·5	007·4	007·6	007·6	007·6	007·7	008·0	008·3	008·5	008·3	008·1	008·2	008·2	008·1	008·4	008·4	008·6	009·1	009·2	009·6	010·0	010·3	010·2	008·4
Mean (Station level)	1007 ·31	1007 ·18	1006 ·93	1006 ·78	**1006 ·74**	1006 ·81	1007 ·00	1007 ·09	1007 ·21	1007 ·21	1007 ·28	1007 ·35	1007 ·33	1007 ·34	1007 ·32	1007 ·18	1007 ·15	1007 ·11	1007 ·19	1007 ·35	1007 ·67	**1007 ·70**	1007 ·68	1007 ·61	1007 ·23
Mean (Sea level)	1008 ·97	1008 ·84	1008 ·59	1008 ·44	**1008 ·40**	1008 ·47	1008 ·66	1008 ·75	1008 ·86	1008 ·86	1008 ·93	1009 ·00	1008 ·98	1008 ·99	1008 ·97	1008 ·83	1008 ·80	1008 ·76	1008 ·84	1009 ·01	1009 ·33	**1009 ·36**	1009 ·34	1009 ·27	1008 ·89

Station Level

290. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **June, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	010·1	009·8	009·7	009·6	009·8	010·0	010·5	010·9	011·2	011·7	012·1	012·6	012·9	013·0	013·3	013·8	014·2	014·8	015·2	015·7	016·1	016·4	016·6	017·2	012·7
2	017·1	017·2	017·0	017·3	017·4	017·5	017·7	018·4	018·5	018·7	019·0	019·5	019·6	019·5	019·5	019·3	019·2	019·0	019·0	019·1	019·5	019·2	018·9	018·8	018·5
3	017·7	017·7	017·0	016·5	016·2	015·9	015·7	015·4	014·9	014·6	014·6	014·3	013·5	013·3	012·8	012·3	011·9	011·8	011·6	011·7	011·6	011·3	011·3	011·0	014·1
4	010·9	010·6	010·2	010·0	010·1	010·3	010·5	011·0	011·4	011·1	011·0	011·5	011·5	012·0	012·3	012·7	012·9	013·0	013·1	013·4	013·8	014·0	014·1	014·0	011·8
5	014·3	014·3	014·0	014·0	014·1	014·3	014·3	014·5	014·5	014·6	014·7	014·8	014·9	014·9	014·7	014·2	014·2	013·9	013·3	013·2	013·1	012·5	012·2	009·5	014·0
6	010·9	010·5	010·0	010·8	010·8	011·7	012·1	012·4	012·6	012·8	013·3	013·5	013·8	014·0	014·1	014·1	014·0	013·9	014·1	014·0	014·1	014·0	013·6	013·1	012·8
7	012·2	011·9	011·1	010·3	009·3	008·5	007·4	006·1	004·9	003·8	003·4	003·3	003·7	004·1	004·2	004·8	006·1	006·9	007·8	008·3	009·2	009·6	009·9	010·3	007·4
8	010·6	010·7	011·2	011·5	011·8	012·6	013·0	013·6	014·5	014·6	015·2	015·8	015·9	016·0	016·5	016·8	017·1	017·4	017·8	018·0	018·2	018·0	017·6	017·9	014·9
9	017·4	017·0	016·5	015·8	014·9	014·3	014·0	013·6	012·9	012·0	011·4	011·0	009·6	009·0	008·6	008·0	007·8	007·8	007·6	007·1	007·0	007·0	006·8	006·4	011·2
10	006·0	005·4	005·1	005·0	004·9	004·3	004·6	004·8	004·9	004·1	003·8	002·9	002·1	001·9	001·7	001·0	000·3	999·7	999·2	998·9	998·3	997·6	996·6	995·7	002·3
11	994·7	993·4	992·1	991·8	991·7	991·7	991·3	991·5	991·6	991·6	991·0	992·0	992·5	992·9	993·2	994·0	994·7	995·5	995·8	996·3	997·0	998·0	998·7	999·1	**993·8**
12	999·9	000·7	001·8	002·7	003·5	004·1	005·0	005·8	007·1	007·7	008·3	008·6	008·8	009·1	009·4	009·9	010·6	011·0	011·9	013·4	014·3	014·9	015·3	015·8	008·0
13	016·6	016·9	017·3	017·7	018·0	018·8	019·3	020·0	020·4	020·7	021·0	021·4	021·4	021·7	022·0	022·3	022·5	022·6	022·7	022·9	023·1	023·3	023·6	023·3	020·7
14	023·2	023·1	023·0	022·9	022·8	022·8	023·0	023·2	023·2	023·1	022·9	022·9	022·9	022·9	022·9	022·7	022·6	022·3	022·1	021·9	022·3	022·2	022·0	021·7	022·7
15	021·4	021·0	020·5	020·0	019·8	019·8	019·9	020·3	020·1	020·0	020·1	019·9	019·6	019·5	018·9	018·6	018·2	018·0	017·7	017·5	017·1	016·9	016·5	016·0	019·2
16	015·7	015·5	014·6	014·4	014·4	014·4	014·4	014·5	014·6	014·6	014·3	013·8	012·9	012·9	012·8	012·7	012·4	012·0	011·8	011·8	011·8	011·7	011·6	011·1	010·6	013·3
17	010·0	009·4	009·0	008·4	008·0	007·7	007·5	007·1	007·0	005·9	005·2	004·7	003·8	003·3	002·4	001·6	001·9	001·2	001·0	000·0	999·4	997·3	997·3	996·9	004·3
18	996·8	996·7	996·2	995·9	996·0	996·4	996·4	996·7	996·9	997·0	997·8	998·0	998·3	998·5	998·5	998·7	999·0	999·0	999·4	999·6	999·8	999·9	999·7	999·8	997·9
19	999·8	999·9	000·0	000·4	000·8	001·4	001·9	002·5	002·9	003·4	003·7	004·6	004·9	005·5	006·1	006·4	006·9	007·3	007·7	008·4	008·9	009·4	009·6	010·0	004·5
20	010·0	010·1	010·3	010·6	011·0	011·3	011·6	011·9	012·0	012·0	012·0	012·1	012·0	011·9	011·9	011·6	011·8	012·0	012·6	013·1	013·9	014·6	014·9	015·4	012·0
21	015·7	015·7	015·7	016·0	016·5	016·6	016·8	017·2	017·4	017·8	018·1	018·2	018·6	018·9	019·0	019·4	019·6	019·8	020·1	020·5	021·0	021·2	021·6	021·9	018·3
22	022·1	022·2	022·1	022·1	022·2	022·8	023·2	023·2	023·3	023·4	023·1	023·4	023·6	023·8	023·7	023·6	023·0	022·4	021·9	021·5	021·4	021·3	020·8	020·1	022·5
23	019·9	019·4	019·4	019·5	020·0	020·3	020·5	020·9	021·3	021·3	021·5	021·6	021·4	021·5	021·6	021·8	022·0	022·4	022·5	022·6	023·0	023·1	023·0	022·8	021·3
24	022·8	022·8	022·3	022·2	022·3	022·6	022·8	022·9	023·3	023·4	023·4	023·5	023·6	023·0	023·6	023·6	023·6	023·8	023·9	024·1	024·4	024·7	024·4	024·6	023·4
25	024·5	024·2	023·8	023·6	023·9	024·2	024·5	024·5	024·6	024·6	024·6	024·5	024·5	024·5	024·5	024·4	024·1	024·0	023·8	023·7	023·7	023·3	023·3	023·0	**024·1**
26	022·9	022·4	021·4	020·8	020·4	020·3	020·9	020·3	020·4	020·0	020·1	020·0	019·6	019·6	019·5	019·4	018·5	018·2	018·1	018·0	018·5	018·5	018·4	018·3	019·9
27	018·6	018·7	018·9	019·2	019·0	020·0	020·4	020·9	021·2	021·2	021·4	021·4	021·5	021·9	022·2	022·3	022·3	022·4	022·4	022·4	022·6	022·5	022·2	021·1
28	022·1	021·8	021·0	020·3	019·9	019·5	019·1	019·0	018·7	018·1	017·9	017·4	017·0	016·3	015·7	015·0	014·5	013·9	013·6	013·2	012·7	012·3	011·9	011·3	017·0
29	010·8	010·1	009·5	008·7	008·0	007·8	007·8	008·2	008·5	008·6	009·0	009·2	009·1	008·9	009·1	009·2	009·0	009·1	009·3	009·2	009·5	009·8	010·3	010·7	009·2
30	011·3	011·7	012·0	012·3	012·8	013·3	013·9	014·6	015·1	015·5	015·8	016·1	016·7	017·0	017·4	017·4	017·2	017·0	016·9	016·9	016·7	016·8	016·9	016·4	015·2
Mean (Station level)	1013 ·53	1013 ·30	1013 ·09	**1013 ·01**	1013 ·03	1013 ·17	1013 ·34	1013 ·53	1013 ·66	1013 ·60	1013 ·67	1013 ·66	1013 ·67	1013 ·73	1013 ·71	1013 ·70	1013 ·72	1013 ·73	1013 ·80	1013 ·88	**1014 ·07**	1014 ·04	1013 ·99	1013 ·79	1013 ·60
Mean (Sea level)	1015 ·19	1015 ·02	1014 ·75	**1014 ·67**	1014 ·69	1014 ·83	1015 ·00	1015 ·19	1015 ·31	1015 ·25	1015 ·32	1015 ·31	1015 ·32	1015 ·38	1015 ·36	1015 ·35	1015 ·37	1015 ·38	1015 ·45	1015 ·54	**1015 ·73**	1015 ·70	1015 ·65	1015 ·45	1015 ·26
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

Station Level

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1001·7 mb. is written 001·7. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

291. Cahirciveen (Valencia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **July, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	015·3	015·0	014·0	013·2	012·2	011·1	010·0	009·2	008·0	006·4	004·8	003·6	001·4	999·4	997·5	996·4	995·1	995·0	995·3	995·8	995·6	995·7	995·6	995·4	003·8
2	995·0	994·8	994·4	994·0	993·9	993·8	994·0	994·1	994·3	994·7	995·0	995·3	995·4	995·7	995·7	995·7	995·7	995·6	995·8	995·7	995·5	995·1	994·6	994·0	994·9
3	993·4	992·8	991·8	991·0	990·2	989·2	988·8	988·6	988·4	988·4	988·5	988·9	989·4	990·2	990·5	991·4	991·9	992·4	993·0	993·7	994·2	994·7	994·8	994·9	**991·3**
5	994·6	994·3	994·0	993·7	993·1	993·3	993·1	993·2	993·3	993·5	994·0	994·7	995·0	995·6	996·2	996·5	996·9	997·4	997·8	998·3	998·6	999·2	999·6	999·8	995·6
4	999·8	999·8	999·6	999·5	999·3	999·1	998·8	998·1	997·4	995·5	994·4	993·7	993·6	993·5	993·7	995·4	997·7	999·6	000·9	002·3	003·4	004·4	005·3	005·6	998·6
6	005·7	005·8	006·4	006·9	006·9	007·3	007·5	007·7	007·7	007·5	007·4	007·3	007·4	007·4	007·4	007·3	007·4	007·7	007·8	008·0	008·1	008·4	008·7	008·4	007·4
7	007·8	007·9	008·0	008·1	008·5	008·9	009·3	010·0	010·2	010·9	011·7	012·5	012·8	013·4	014·0	014·1	014·3	014·5	014·9	015·0	015·3	015·7	015·3	015·0	011·9
8	015·1	014·7	014·2	014·0	013·6	013·0	012·6	012·4	012·5	011·5	011·2	010·7	010·0	009·3	008·7	007·9	007·2	007·0	006·6	006·8	006·8	007·1	007·2	007·6	010·5
9	008·5	008·9	009·2	010·3	010·9	011·1	012·6	013·5	013·5	014·4	015·0	015·2	015·8	015·8	016·4	016·6	016·8	016·7	016·6	016·5	016·4	015·9	015·6	015·5	013·9
10	015·1	014·4	014·0	013·5	013·1	013·0	012·9	013·1	013·3	013·3	013·5	013·7	013·6	013·7	013·8	013·8	014·0	014·1	014·3	014·5	014·6	014·5	014·6	014·6	013·9
11	014·5	014·6	014·6	014·2	014·6	014·8	015·0	015·1	015·1	015·2	015·2	015·2	015·3	015·1	015·0	014·6	013·4	012·8	012·4	011·9	011·4	011·0	010·2	009·3	013·9
12	007·9	006·8	005·1	004·0	003·2	003·1	002·3	001·4	001·8	001·7	002·0	002·4	002·6	003·1	003·3	003·2	003·7	004·1	004·6	005·2	006·0	006·8	007·6	008·1	004·2
13	008·5	009·1	009·4	009·9	010·6	011·5	012·5	013·3	014·2	015·1	016·1	016·9	017·7	018·5	019·1	019·3	019·8	020·3	020·9	021·1	021·7	022·0	022·2	022·3	016·0
14	022·1	021·9	021·7	021·7	021·6	021·6	021·9	021·9	022·0	021·8	021·8	021·5	021·0	020·7	020·3	019·9	019·3	019·0	019·0	018·8	018·7	018·4	017·8	017·2	**020·6**
15	016·7	016·1	015·3	014·8	014·4	014·1	013·9	013·4	012·9	012·8	012·4	011·7	011·4	010·8	010·3	009·5	008·8	008·8	008·7	008·1	007·6	007·1	006·8	006·7	011·6
16	007·0	007·0	007·2	007·8	008·5	009·4	009·9	010·3	010·5	010·8	011·1	011·3	011·1	011·4	011·5	011·4	011·2	011·1	011·1	011·0	010·6	010·7	010·1	009·8	010·0
17	008·9	007·8	007·0	006·2	005·4	004·9	004·7	004·6	005·1	005·7	006·7	007·0	007·8	008·2	009·2	009·7	010·2	010·9	011·2	012·1	013·2	013·6	013·8	013·8	008·6
18	014·1	014·3	014·3	014·6	014·7	015·0	015·7	015·9	016·0	016·1	016·1	016·3	016·3	016·3	016·4	016·4	016·2	016·1	016·0	016·1	016·0	016·0	015·8	015·6	015·6
19	015·3	015·0	014·5	014·3	014·3	014·4	014·1	013·7	013·5	012·8	012·5	012·0	011·7	011·2	010·7	010·6	010·6	009·7	008·7	007·9	008·7	008·9	009·1	009·1	011·9
20	009·3	009·3	009·3	009·2	009·7	010·1	010·3	010·6	011·2	011·6	011·6	011·9	012·0	012·2	012·6	012·7	012·8	013·0	013·3	013·6	014·2	014·6	014·8	014·7	011·7
21	014·9	015·0	014·9	015·0	015·2	015·5	015·9	015·6	015·9	015·5	015·4	015·5	015·5	015·4	015·2	015·3	015·6	015·6	015·6	015·8	016·1	016·2	016·0	015·8	015·5
22	015·6	015·5	015·1	015·1	015·0	014·8	014·8	014·9	014·8	014·7	014·1	014·2	014·2	014·0	014·1	013·9	013·7	013·5	013·4	013·9	014·4	014·5	014·6	015·0	014·5
23	015·1	015·4	015·7	015·5	015·6	015·8	015·8	015·7	015·7	015·4	014·9	014·6	014·6	014·4	014·3	014·3	014·7	015·2	015·8	016·6	017·1	017·7	017·8	018·1	015·6
24	018·1	018·2	018·2	018·1	018·2	018·2	018·5	018·5	018·5	018·5	018·6	018·4	018·4	018·6	018·9	018·9	019·0	019·2	019·4	019·3	019·6	019·5	019·4	019·2	018·7
25	018·9	018·8	018·1	017·4	017·0	016·4	015·8	015·6	015·6	015·8	016·0	016·3	016·4	016·7	016·9	016·9	017·0	017·0	017·1	017·6	017·6	017·9	018·4	018·5	017·1
26	018·7	018·6	018·5	018·6	018·7	018·8	019·1	019·2	019·5	019·7	020·2	020·4	020·6	020·7	020·7	020·7	020·7	020·6	020·6	020·6	020·5	020·6	020·3	019·8	019·8
27	019·1	018·7	017·9	017·2	016·3	015·7	015·1	014·3	013·7	012·8	012·0	011·2	010·4	009·7	008·9	008·0	006·8	005·7	004·3	003·1	002·0	000·2	999·4	998·9	010·5
28	998·5	997·8	997·3	996·4	995·8	995·5	995·0	994·8	994·4	994·1	994·0	993·6	993·3	993·2	993·3	993·3	993·3	993·3	993·6	993·9	994·3	994·6	994·7	994·8	994·8
29	995·5	995·7	996·1	996·7	997·3	998·2	999·3	000·0	001·1	001·2	001·6	002·4	002·8	003·5	003·9	004·1	004·3	004·8	005·0	005·7	006·2	006·2	006·3	006·1	001·6
30	005·9	006·0	005·7	005·6	005·6	005·7	005·8	005·9	006·2	006·3	006·8	007·0	007·3	007·5	007·6	008·0	008·1	008·2	008·6	008·8	008·9	009·3	009·5	009·6	007·2
31	009·5	009·5	009·2	009·1	009·1	009·2	009·2	009·3	009·5	009·5	009·7	009·6	009·6	009·6	009·6	009·5	009·3	009·5	009·1	009·0	009·0	008·5	008·1	007·4	009·2
Mean (Station level)	1009 ·82	1009 ·66	1009 ·38	1009 ·21	**1009 ·11**	**1009 ·11**	1009 ·17	1009 ·16	1009 ·22	1009 ·13	1009 ·17	1009 ·19	1009 ·17	1009 ·19	1009 ·22	1009 ·20	1009 ·21	1009 ·30	1009 ·40	1009 ·57	1009 ·75	**1009 ·84**	1009 ·81	1009 ·70	1009 ·37
Mean (Sea level)	1011 ·48	1011 ·32	1011 ·04	1010 ·87	**1010 ·77**	**1010 ·77**	1010 ·82	1010 ·81	1010 ·87	1010 ·78	1010 ·82	1010 ·84	1010 ·82	1010 ·84	1010 ·87	1010 ·85	1010 ·86	1010 ·95	1011 ·06	1011 ·23	1011 ·41	**1011 ·50**	1011 ·47	1011 ·36	1011 ·02

292. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **August, 1924.**

G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	006·5	005·7	005·1	004·6	004·2	004·1	003·9	003·8	003·9	004·2	004·7	005·1	005·5	005·9	006·4	007·1	007·8	008·3	009·1	009·7	010·2	010·8	011·3	011·5	006·6
2	011·8	012·1	012·4	012·6	013·2	014·0	014·4	014·9	015·4	015·9	016·4	016·6	016·9	016·9	016·9	017·1	017·2	017·2	017·2	017·5	017·3	017·2	016·9	016·5	015·5
3	016·1	015·4	014·4	013·3	012·5	011·7	010·9	010·5	010·0	010·0	010·1	010·5	011·2	011·8	011·9	012·0	012·3	012·8	013·0	013·5	013·5	013·5	013·3	013·2	012·5
4	012·4	011·5	011·0	010·5	009·9	009·6	009·7	009·8	009·8	009·9	010·1	010·4	010·5	010·7	010·8	010·8	010·7	010·6	010·7	010·5	010·5	010·8	010·5	010·3	010·6
5	009·8	009·5	009·2	008·9	008·8	009·0	010·0	010·5	011·1	011·4	012·2	012·5	013·2	013·7	014·4	014·6	015·3	015·9	016·3	017·0	017·7	017·9	017·8	018·0	013·0
6	017·9	017·7	017·7	017·6	017·4	017·8	018·2	018·4	018·5	018·7	018·9	019·2	019·4	019·6	019·8	020·2	020·4	020·5	020·9	021·6	022·5	022·9	023·3	023·6	019·6
7	023·7	023·9	024·3	024·5	024·9	025·3	025·9	026·1	026·7	027·0	027·5	027·7	028·1	028·3	028·4	028·4	028·4	028·4	028·6	029·0	029·3	029·4	029·6	029·6	027·1
8	029·6	029·6	029·5	029·1	029·0	029·2	029·2	029·4	029·6	029·6	029·6	029·5	029·5	029·3	029·0	028·8	028·7	028·8	028·7	028·8	029·2	029·2	029·1	028·9	**029·2**
9	028·6	028·0	027·6	027·2	027·0	027·1	027·1	027·0	026·9	026·6	026·6	026·3	026·0	026·0	025·4	024·8	024·7	024·0	023·7	023·7	024·1	023·9	022·9	022·4	025·9
10	021·9	021·4	020·7	020·2	019·7	019·2	018·7	018·3	018·0	017·4	017·0	016·4	016·2	015·8	014·9	014·1	013·4	013·2	012·8	012·2	011·8	011·4	010·7	010·2	016·3
11	009·5	009·1	008·4	008·2	007·8	007·6	007·6	007·6	007·6	007·5	007·4	007·2	007·0	006·8	006·5	006·4	006·2	006·2	006·1	006·2	006·3	006·3	006·1	005·8	007·2
12	005·4	005·0	004·4	003·9	003·2	002·5	002·4	003·2	003·6	003·9	004·3	004·6	004·9	005·1	005·2	005·4	005·8	006·5	006·9	007·7	008·3	008·8	009·1	009·5	005·3
13	009·6	009·7	009·6	010·0	010·3	010·7	011·2	011·7	012·1	011·9	012·0	011·7	011·8	011·9	011·7	011·5	011·3	010·9	010·7	010·3	009·8	009·1	008·1	007·3	010·7
14	006·2	005·4	004·4	003·6	003·6	004·3	004·9	005·7	006·3	006·8	006·9	007·2	007·9	008·3	008·6	008·9	009·2	009·6	009·9	010·3	010·7	010·9	011·0	010·9	007·5
15	011·0	010·9	011·0	010·8	010·7	010·8	010·6	010·5	010·2	009·7	009·3	008·8	008·1	007·6	006·9	006·2	005·4	004·6	003·5	002·9	002·0	001·8	001·4	000·8	007·5
16	000·8	000·9	001·1	001·0	001·3	001·4	001·9	002·1	002·2	002·4	002·4	002·3	002·3	002·4	002·2	001·8	001·3	000·5	999·9	998·7	998·0	995·4	994·0	991·6	000·5
17	990·2	989·5	989·1	988·7	988·4	988·5	989·1	989·6	990·0	990·2	989·9	989·0	988·0	988·3	990·7	991·8	993·9	995·1	996·1	996·9	997·7	998·5	998·7	998·9	**991·3**
18	999·1	999·2	999·4	999·7	000·2	000·9	001·8	002·3	002·8	003·2	003·5	003·9	004·2	004·4	004·7	004·8	004·7	004·5	004·5	004·5	004·4	004·3	003·8	003·5	002·7
19	003·2	002·8	002·2	001·3	001·0	000·5	000·3	000·1	999·8	999·6	999·1	999·1	998·5	998·2	997·9	997·8	997·8	997·8	998·0	998·3	998·9	999·0	999·1	999·3	999·7
20	999·2	999·1	999·4	999·6	000·2	000·4	000·8	001·1	001·5	001·6	001·9	002·0	002·1	002·2	002·3	002·1	002·0	001·8	001·4	001·4	001·5	001·4	001·1	000·9	001·1
21	000·3	000·0	999·7	999·2	998·9	998·8	999·1	999·3	999·8	000·0	000·7	001·0	001·2	001·3	001·5	001·5	001·5	001·7	001·9	002·6	003·1	003·3	003·3	003·4	000·9
22	003·3	003·1	003·0	002·9	003·0	003·3	003·6	004·1	004·6	004·9	005·1	005·4	005·7	005·9	006·0	006·1	006·2	006·7	006·9	007·4	008·0	008·0	007·9	007·9	005·3
23	007·9	007·8	007·6	007·3	007·3	007·8	008·6	009·3	010·7	011·7	012·6	013·5	014·1	014·5	015·2	015·6	016·2	016·9	017·4	017·9	018·8	019·2	019·4	019·3	013·0
24	019·6	019·9	019·9	020·1	020·3	020·7	021·2	021·5	022·2	022·4	022·8	023·0	023·2	023·3	023·4	023·2	023·2	023·2	023·6	023·7	023·9	024·0	023·7	023·6	022·2
25	023·4	023·0	022·6	021·9	021·5	021·4	021·7	022·3	022·5	022·8	023·1	023·0	023·1	023·1	023·1	022·9	022·7	022·7	023·0	022·9	023·2	023·0	023·0	022·4	022·7
26	022·4	021·7	021·5	021·4	021·3	021·1	021·4	021·6	021·6	021·1	020·8	020·9	020·8	020·7	020·6	020·3	020·2	019·9	019·9	020·0	020·2	019·7	019·6	019·4	020·8
27	019·2	018·8	018·6	018·6	018·3	018·3	018·3	018·6	018·5	018·3	018·2	017·9	017·5	017·4	016·8	016·3	015·7	015·3	015·0	015·2	015·0	014·5	013·6	013·4	017·1
28	012·4	011·7	010·8	009·8	009·2	007·8	007·0	006·1	005·1	004·7	003·9	003·6	003·2	003·4	003·3	003·3	003·2	003·1	003·0	003·2	003·3	003·3	003·2	003·1	005·7
29	003·0	002·8	002·5	002·5	002·4	002·3	002·5	002·6	002·6	002·6	003·0	002·8	002·7	002·9	002·8	002·6	002·4	002·5	002·8	003·0	003·1	003·2	003·2	003·3	002·7
30	003·2	003·2	003·2	003·2	003·3	003·3	003·3	003·4	003·5	003·3	003·2	002·9	002·3	001·8	001·1	000·7	000·7	000·6	000·7	000·7	000·5	000·4	000·4	000·3	002·1
31	000·4	000·3	000·2	000·4	000·5	000·7	001·2	001·6	002·0	002·2	002·8	003·0	003·6	004·4	004·6	005·0	005·3	005·5	006·1	006·9	007·6	007·8	008·4	008·9	003·5
Mean (Station level)	1010 ·57	1010 ·28	1010 ·02	1009 ·76	**1009 ·65**	1009 ·68	1009 ·89	1010 ·10	1010 ·29	1010 ·37	1010 ·52	1010 ·55	1010 ·60	1010 ·71	1010 ·74	1010 ·71	1010 ·77	1010 ·82	1010 ·91	1011 ·10	**1011 ·30**	1011 ·25	1011 ·08	1010 ·89	1010 ·52
Mean (Sea level)	1012 ·23	1011 ·94	1011 ·68	1011 ·42	**1011 ·31**	1011 ·34	1011 ·55	1011 ·75	1011 ·94	1012 ·02	1012 ·17	1012 ·20	1012 ·25	1012 ·36	1012 ·39	1012 ·36	1012 ·42	1012 ·47	1012 ·57	1012 ·76	**1012 ·96**	1012 ·91	1012 ·74	1012 ·55	1012 ·17
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1001·7 mb. is written 001·7. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

293. Cahirciveen (Valencia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **September, 1924.**

Day.	1.	2.	3	4	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
Station Level 1	mb. 009·4	mb. 009·6	mb. 010·2	mb. 010·5	mb. 010·7	mb. 011·1	mb. 011·7	mb. 012·6	mb. 013·2	mb. 013·5	mb. 014·1	mb. 014·4	mb. 014·9	mb. 015·2	mb. 015·4	mb. 015·5	mb. 015·5	mb. 015·7	mb. 016·1	mb. 016·8	mb. 017·1	mb. 017·2	mb. 017·3	mb. 017·5	mb. 013·8
2	017·7	018·1	018·1	018·1	018·0	018·1	018·4	018·7	019·2	019·3	019·7	020·0	020·2	020·3	020·7	020·7	020·6	020·6	020·6	020·9	021·3	021·4	021·3	021·3	019·6
3	021·3	021·2	021·0	020·9	020·8	020·6	020·7	020·7	020·8	020·9	021·0	021·0	021·0	020·8	020·7	020·3	020·2	020·3	020·6	020·9	021·3	021·2	021·0	021·0	020·8
4	020·5	020·5	020·2	019·9	019·9	020·1	020·0	019·9	019·7	019·3	019·3	019·2	018·9	018·9	018·1	018·0	017·8	017·4	017·3	017·1	016·9	016·3	015·3	014·8	018·7
5	014·4	013·0	012·2	011·5	010·9	010·3	009·7	009·1	008·3	008·0	007·3	006·6	005·8	005·2	004·5	003·9	003·2	002·8	002·3	002·1	001·4	001·0	000·5	000·0	006·7
6	999·4	998·9	998·3	997·4	996·9	996·8	996·4	996·1	996·1	996·1	996·3	996·2	996·0	995·1	994·9	994·8	995·2	995·3	995·2	995·1	994·8	994·5	994·0	993·9	996·1
7	993·4	992·7	992·6	992·3	992·3	992·4	992·3	992·6	992·5	992·5	993·2	993·0	992·6	992·6	992·6	992·6	992·7	992·6	992·8	992·9	992·9	992·8	992·8	992·8	**992·7**
8	992·8	992·6	992·6	992·6	992·5	992·6	993·0	993·5	994·0	994·5	994·8	995·0	995·1	995·2	995·3	995·1	995·0	995·6	996·9	998·2	999·1	000·0	000·6	001·0	995·1
9	001·1	001·4	001·5	001·8	002·2	002·9	004·1	005·3	006·6	007·5	008·3	009·1	009·9	010·7	011·3	012·3	013·1	013·8	014·7	015·7	016·1	016·5	017·0	017·1	008·8
10	017·1	016·7	016·5	016·3	015·8	015·6	015·4	014·7	014·4	013·8	013·6	012·8	012·3	011·4	010·5	009·4	008·9	008·8	009·0	009·4	009·4	009·2	009·0	008·7	012·6
11	008·1	007·7	007·4	007·3	007·2	007·0	007·3	007·5	007·9	008·0	007·8	007·4	007·1	006·9	006·4	005·5	004·4	004·0	003·2	002·6	001·9	001·0	000·8	000·5	005·8
12	000·2	999·6	998·8	998·5	998·1	997·7	997·7	997·9	998·2	998·1	997·8	997·4	997·3	997·0	996·7	996·4	996·5	996·4	996·4	996·7	997·2	997·7	998·2	998·5	997·7
13	998·5	998·4	998·5	998·5	998·6	999·0	999·4	000·1	000·6	001·2	001·7	002·4	002·8	002·9	003·5	003·8	004·5	005·3	006·2	007·5	008·4	008·9	009·4	009·9	002·7
13	010·3	010·6	011·0	011·1	011·6	012·2	012·7	013·0	013·5	013·6	014·2	014·4	014·8	015·4	015·8	016·2	016·4	016·7	017·1	017·7	018·1	017·7	017·7	017·4	014·4
15	017·0	016·9	016·6	015·6	015·0	014·4	013·9	013·3	012·2	011·2	010·1	008·8	007·9	008·1	008·3	008·4	008·3	008·5	008·9	009·7	010·3	010·4	010·4	010·5	011·6
16	010·3	010·5	010·3	010·1	009·3	009·3	008·3	007·4	007·5	006·3	006·5	005·7	005·7	005·1	004·5	003·9	003·6	003·8	004·0	004·4	004·4	004·1	003·5	003·0	006·5
17	002·3	001·7	000·8	000·3	000·6	001·4	002·1	002·3	003·4	004·3	004·9	005·5	006·0	006·5	007·2	007·8	008·2	008·7	009·5	010·5	011·4	012·0	012·6	012·9	005·7
18	013·4	014·0	014·4	014·8	015·1	016·0	016·9	017·4	017·9	018·5	018·9	019·0	019·3	019·3	019·2	019·1	019·1	019·2	019·3	019·3	019·2	019·0	018·4	017·8	017·6
19	017·1	016·6	015·8	015·2	014·6	014·2	013·6	013·0	011·9	010·9	009·8	009·0	007·7	005·8	003·9	000·4	999·2	997·6	997·8	998·8	000·2	001·3	001·8	002·3	007·8
20	001·9	001·4	001·3	001·2	000·6	999·7	998·9	997·6	996·8	994·6	992·1	990·0	986·9	983·4	979·4	978·0	980·5	984·3	987·7	991·0	993·1	995·2	996·8	997·9	993·0
21	998·7	999·0	999·5	999·6	999·9	000·1	000·5	000·6	000·7	000·8	000·7	000·5	000·2	999·7	998·9	998·7	998·6	997·8	997·7	997·5	997·1	997·0	997·1	997·2	999·1
22	997·9	998·1	998·7	999·5	000·0	000·6	000·7	001·2	000·9	000·8	000·2	999·9	998·8	997·2	994·0	990·5	985·9	983·7	981·5	980·8	981·4	982·1	984·5	985·0	993·7
23	987·4	988·4	988·8	988·9	989·4	990·1	990·6	991·5	992·8	993·7	995·3	995·9	996·9	997·9	998·7	999·5	000·3	001·4	002·3	002·9	003·4	003·5	003·7	003·6	995·7
24	003·4	003·1	002·5	001·8	001·3	001·1	000·7	000·0	999·2	997·9	996·4	995·1	994·1	992·9	992·5	992·6	993·1	994·0	995·1	996·5	997·7	998·2	998·9	999·4	997·9
25	000·0	000·7	001·0	001·4	002·0	002·8	003·4	004·0	004·8	005·3	006·2	006·3	006·6	007·0	007·3	007·5	008·0	009·0	009·5	010·3	011·2	011·5	011·7	012·0	006·0
26	012·2	012·6	012·8	013·1	013·6	014·1	015·0	015·6	016·3	016·4	016·6	016·8	017·1	017·1	017·6	017·7	017·9	018·5	019·1	019·6	020·2	020·4	020·5	020·8	016·5
27	021·1	021·2	021·2	012·4	012·4	022·0	022·6	023·0	023·4	023·7	023·5	023·6	023·4	023·5	023·6	023·5	023·4	023·5	023·6	023·7	023·5	023·1	022·8	022·5	**022·8**
28	021·8	021·2	020·4	019·4	018·8	018·2	017·7	017·1	016·9	015·8	014·8	014·6	013·3	012·4	011·7	011·1	010·7	009·9	009·6	009·4	008·6	008·3	007·4	006·6	014·3
29	005·6	005·0	003·0	001·2	000·4	999·3	998·4	998·2	997·4	997·2	996·5	995·6	995·1	994·7	993·9	993·7	993·3	993·2	992·5	991·9	991·1	991·1	992·3	993·3	996·7
30	994·1	995·1	995·7	996·8	997·8	998·9	000·2	001·4	002·7	003·6	004·6	005·3	006·0	006·4	006·9	006·9	007·0	007·8	008·1	008·1	008·9	008·8	008·2	008·1	003·3
Mean (Station level)	1006 ·95	1006 ·88	1006 ·72	1006 ·57	1006 ·51	1006 ·62	1006 ·75	1006 ·83	**1007 ·10**	1006 ·91	1006 ·85	1006 ·69	1006 ·47	0106 ·15	1005 ·80	1005 ·46	**1005 ·37**	1005 ·54	1005 ·81	1006 ·26	1006 ·59	1006 ·72	1006 ·85	1006 ·91	1006 ·47
Mean (Sea level)	1008 ·60	1008 ·53	1008 ·37	1008 ·22	1008 ·16	1008 ·27	1008 ·40	1008 ·48	**1008 ·75**	1008 ·56	1008 ·49	1008 ·33	1008 ·11	1007 ·79	0107 ·44	1007 ·10	**1007 ·01**	1007 ·18	1007 ·46	1007 ·91	1008 ·24	1008 ·37	1008 ·50	1008 ·56	1008 ·12

294. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **October, 1924.**

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level 1	mb. 007·4	mb. 006·8	mb. 006·5	mb. 006·4	mb. 005·4	mb. 005·1	mb. 005·2	mb. 005·1	mb. 005·0	mb. 004·7	mb. 004·8	mb. 005·0	mb. 004·6	mb. 004·4	mb. 004·3	mb. 004·3	mb. 004·3	mb. 004·4	mb. 004·1	mb. 004·0	mb. 003·9	mb. 003·4	mb. 003·0	mb. 003·0	mb. 004·9
2	002·5	001·6	001·4	001·0	000·7	001·7	002·4	002·9	003·4	003·4	003·7	003·7	004·0	004·0	004·1	004·2	004·7	005·0	005·3	006·1	007·1	007·1	007·7	007·8	003·9
3	008·1	008·8	009·0	009·4	009·6	010·0	010·4	010·6	010·9	011·0	011·2	011·2	011·2	011·0	011·0	010·9	011·0	011·3	011·4	011·4	011·4	011·1	010·8	010·7	010·5
4	010·5	010·2	009·7	009·5	009·3	009·4	009·4	009·3	009·3	008·9	008·5	007·8	007·1	006·6	006·1	005·8	005·5	005·2	004·8	004·1	003·6	003·3	002·6	001·9	007·2
5	001·7	001·0	000·7	001·0	001·1	001·3	001·7	002·1	002·6	002·7	002·9	003·0	003·2	003·4	003·4	003·5	003·5	003·8	003·8	003·7	003·6	003·4	003·0	002·8	002·6
6	002·2	001·7	000·8	000·2	999·6	998·7	997·4	996·8	996·7	996·8	997·0	997·1	997·3	997·6	997·7	997·8	998·3	998·9	999·8	000·2	000·8	001·2	001·8	002·3	999·1
7	002·4	002·8	002·9	003·2	003·3	003·5	003·8	004·0	004·6	004·4	004·5	004·4	004·3	004·1	004·0	003·5	003·2	003·3	003·7	003·9	004·2	004·3	004·2	004·0	003·7
8	004·1	004·3	004·5	004·5	004·7	005·1	005·6	005·8	005·9	006·0	006·2	006·5	006·9	008·0	009·2	009·9	011·0	012·0	012·6	013·0	013·2	013·8	013·6	013·6	008·1
9	013·2	012·9	012·7	012·1	011·2	010·5	010·0	009·1	007·3	007·2	007·2	007·8	008·0	008·0	007·8	007·4	007·0	007·0	006·7	006·6	007·1	007·5	007·8	007·9	008·9
10	008·2	008·5	008·3	008·1	008·2	007·9	007·8	007·7	007·7	007·1	006·2	005·9	005·2	004·6	004·5	004·0	004·0	003·6	003·9	004·3	004·4	004·2	004·2	004·2	006·0
11	004·2	004·0	003·9	003·8	003·9	004·1	004·2	004·3	004·5	004·5	004·2	003·8	003·2	002·4	001·4	000·4	000·3	000·8	002·7	004·4	006·0	006·7	007·5	008·5	003·8
12	009·2	010·0	010·5	011·0	011·7	012·4	013·1	013·8	014·4	014·6	014·9	014·7	014·2	014·1	013·9	013·5	012·9	012·8	012·8	013·3	013·5	013·2	013·1	013·6	012·9
13	013·6	013·7	013·3	014·1	014·4	015·1	015·7	016·7	017·7	018·2	018·9	019·9	020·1	020·5	020·8	021·1	021·6	022·1	022·6	023·2	023·7	023·7	023·9	024·0	018·9
14	023·7	023·7	023·7	023·6	023·8	023·7	023·9	024·1	024·2	024·0	023·8	023·6	022·8	022·3	021·9	021·3	021·5	021·7	021·9	021·9	022·1	022·1	021·9	022·0	022·9
15	022·3	022·1	021·7	021·5	021·5	021·7	021·5	021·8	021·8	021·8	021·6	021·8	021·2	020·8	020·5	020·3	020·3	020·7	021·3	021·5	021·7	021·8	021·2	021·0	021·4
16	021·1	021·2	021·2	021·1	021·2	021·3	021·2	021·6	021·8	021·9	022·1	022·1	022·0	022·0	022·0	022·1	022·2	022·7	023·2	023·6	024·0	024·1	024·2	024·5	022·2
17	024·7	024·9	025·2	025·4	025·4	025·7	026·2	026·8	026·8	026·5	026·4	026·1	026·0	026·0	025·6	025·3	025·6	025·1	025·0	024·9	024·5	023·8	023·0	**025·5**	
18	022·4	021·9	021·2	020·7	019·9	019·1	018·4	018·1	017·8	016·9	016·4	015·6	014·7	013·5	012·9	011·7	010·9	010·2	009·6	009·3	009·3	009·1	008·6	008·3	015·2
19	007·8	007·4	007·0	006·8	006·7	007·0	007·2	007·4	007·5	007·5	007·0	006·9	006·8	006·7	006·5	006·4	006·5	006·6	006·9	006·9	007·0	007·0	007·1	006·9	007·0
20	006·7	006·9	006·7	006·4	006·4	006·3	006·3	006·7	006·8	006·5	006·5	006·2	005·7	005·3	004·7	004·0	003·9	003·7	003·2	002·8	002·7	002·3	001·6	001·2	005·1
21	000·6	000·2	999·6	998·8	998·3	997·9	998·2	999·6	000·5	000·8	001·2	001·7	002·4	003·4	004·0	004·6	005·8	007·3	008·5	009·5	010·8	011·8	012·7	013·6	003·6
22	014·4	015·7	016·1	016·9	018·2	019·0	019·6	020·4	021·4	022·8	022·8	023·1	022·9	022·8	023·4	024·1	024·4	024·5	024·6	025·1	025·8	025·7	025·6	025·6	021·6
23	025·6	025·1	024·8	024·5	024·5	024·2	023·9	023·6	023·4	023·3	023·0	022·5	021·9	021·6	020·9	020·5	019·8	018·9	017·8	016·9	015·7	015·5	015·2	015·0	021·4
24	014·0	012·8	011·8	012·0	011·5	010·0	009·7	009·5	009·6	008·6	008·0	007·6	006·6	006·2	005·5	004·9	005·1	005·4	005·7	005·3	005·2	004·8	004·4	004·1	008·1
25	003·6	002·8	002·3	002·1	001·8	001·4	001·1	001·1	001·0	000·8	000·3	999·5	998·9	997·8	997·1	996·6	996·5	996·7	996·8	996·7	997·0	997·0	997·0	996·6	999·4
26	999·4	999·3	999·3	999·2	999·6	999·8	997·1	997·9	998·0	997·9	998·5	999·1	999·3	999·6	999·4	999·4	999·7	000·1	000·5	000·4	000·2	000·0	999·6	998·4	
27	999·0	998·3	997·1	996·6	996·0	995·6	994·5	994·2	994·1	994·5	995·2	996·0	996·5	997·1	997·3	997·4	997·3	997·5	997·5	997·8	998·0	998·1	998·0	998·6	998·8
28	998·9	998·9	998·1	998·5	999·1	999·5	000·2	001·2	002·2	003·0	003·5	003·8	003·6	003·6	003·7	003·5	003·4	003·3	003·3	003·2	003·1	002·5	002·4	001·9	001·8
29	001·0	999·9	998·8	997·2	996·0	994·9	993·6	993·2	992·9	992·5	992·5	992·7	992·3	992·4	992·3	992·4	992·6	992·8	993·2	993·6	993·8	993·7	993·2	992·2	994·4
30	990·0	989·5	988·8	988·5	988·8	988·9	989·2	990·1	991·5	992·5	993·7	994·7	995·5	996·0	996·5	997·2	997·4	997·6	997·6	997·4	997·1	996·5	996·0	995·0	**993·6**
31	995·8	996·4	996·8	997·2	997·4	998·0	998·4	998·7	999·0	999·0	999·0	999·0	998·8	998·2	998·3	998·4	998·6	999·1	999·7	000·0	000·9	001·4	001·7	002·6	998·6
Mean (Station level)	1008 ·25	1008 ·07	1007 ·79	1007 ·69	1007 ·62	**1007 ·60**	1007 ·63	1007 ·85	1008 ·07	1008 ·09	1008 ·10	1008 ·15	1007 ·97	1007 ·86	1007 ·78	1007 ·63	1007 ·68	1007 ·88	1008 ·07	1008 ·23	**1108 ·45**	1008 ·43	1008 ·34	1008 ·28	1007 ·98
Mean (Sea level)	1009 ·91	1009 ·73	1009 ·45	1009 ·35	1009 ·28	**1009 ·26**	1009 ·29	1009 ·51	1009 ·73	1009 ·74	1009 ·75	1009 ·80	1009 ·62	1009 ·51	1009 ·43	1009 ·28	1009 ·33	1009 ·53	1009 ·72	1009 ·88	**1010 ·10**	1010 ·09	1010 ·00	1009 ·94	1009 ·63
G.M.T. ...	1.	2.	3.	4	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

295. Cahirciveen (Valencia Observatory) : H_b (height of barometer cistern above M.S.L.) = 13·7 metres. **November, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	bm.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	002·3	002·4	001·8	001·0	000·7	999·5	997·8	996·7	994·8	994·0	993·5	993·3	993·1	993·0	992·9	992·8	992·8	993·1	993·3	993·4	993·4	993·3	993·1	992·9	995·8
2	992·6	992·5	992·3	992·0	991·9	992·2	992·6	993·5	994·8	996·0	997·6	998·3	999·2	000·2	001·2	002·2	003·2	004·2	005·3	006·4	006·8	007·3	007·3	007·5	998·7
3	007·5	007·6	007·7	007·8	007·8	007·7	007·8	008·3	009·0	009·5	010·8	011·4	011·6	011·9	012·8	013·6	014·8	015·9	017·2	018·3	019·0	020·3	021·0	021·6	012·2
4	022·2	022·6	022·9	023·4	023·8	024·5	024·9	025·8	026·5	027·1	027·3	027·1	027·0	026·9	026·8	027·1	027·3	027·7	028·0	028·1	028·1	028·2	028·0	027·8	026·1
5	027·5	027·2	027·1	027·0	027·1	026·9	027·1	027·4	027·7	027·7	027·4	027·3	026·7	026·5	026·6	026·5	026·7	027·0	027·3	027·4	028·0	028·2	028·6	028·8	027·3
6	028·9	029·0	028·9	029·1	029·2	029·6	029·9	030·2	031·1	031·3	031·4	031·6	031·1	030·7	030·7	030·7	030·8	031·1	031·0	031·0	031·1	031·0	031·0	030·9	030·4
7	030·6	030·0	029·5	029·2	029·1	029·1	029·1	029·5	029·6	029·2	029·4	028·9	028·2	027·3	026·9	026·3	025·8	025·7	025·6	025·0	024·6	024·2	023·8	023·2	027·7
8	022·6	021·5	020·9	020·0	019·4	018·6	017·8	017·2	016·4	016·2	015·0	014·4	013·4	011·8	010·4	009·7	008·4	007·4	006·6	005·6	004·4	003·1	002·3	002·0	013·2
9	001·3	000·2	999·3	998·6	997·7	997·5	997·3	997·3	996·9	996·5	996·2	995·3	995·0	994·0	993·3	992·8	992·1	992·3	993·1	993·5	993·4	994·1	994·5	994·6	995·9
10	994·8	994·9	994·7	994·7	994·5	994·2	994·4	995·1	996·1	996·9	998·2	998·6	999·3	000·1	000·8	000·8	001·4	001·8	002·0	001·8	001·7	003·2	004·0	004·7	998·5
11	005·4	006·0	007·0	007·7	008·6	009·6	010·6	011·7	013·0	013·9	015·1	016·0	016·8	017·6	018·8	019·9	020·8	021·9	023·3	024·4	025·5	026·3	027·3	028·4	016·0
12	029·2	030·2	031·1	031·5	031·8	032·1	032·5	033·1	033·5	034·1	034·8	034·6	034·1	033·5	032·9	032·7	032·5	032·2	031·9	031·4	030·9	029·9	029·2	028·2	032·0
13	027·8	027·0	026·2	024·9	024·0	023·3	022·7	021·5	021·0	020·4	019·8	018·9	017·9	016·9	016·1	015·3	014·4	013·6	012·8	012·1	011·3	010·6	010·0	010·5	018·7
14	010·7	010·5	010·2	009·9	009·9	009·8	009·7	009·9	009·9	010·2	010·0	009·8	009·4	009·5	009·7	009·8	010·1	010·6	010·9	011·0	011·5	011·8	012·1	012·5	010·3
15	012·8	013·1	013·7	014·1	014·8	015·2	015·9	016·5	017·5	017·7	018·7	019·0	019·7	019·9	020·1	021·2	021·3	022·1	022·6	022·9	023·8	024·1	024·6	024·9	018·7
16	025·2	025·5	025·7	026·0	026·6	027·1	027·7	028·4	028·9	029·2	029·6	029·4	029·1	029·2	029·3	029·6	030·0	030·3	030·4	030·8	030·7	030·9	031·0	031·1	028·7
17	031·0	030·8	030·9	030·7	030·9	031·2	031·4	031·3	031·7	031·9	032·1	032·0	031·9	031·8	031·9	032·3	032·4	033·0	033·2	033·4	033·7	033·8	033·7	033·6	032·1
18	033·5	033·5	033·6	033·5	033·9	034·2	034·3	034·3	034·8	034·9	035·3	035·3	035·3	035·1	035·1	035·6	035·9	036·3	036·7	036·8	037·1	037·2	037·6	037·7	035·2
19	037·8	037·8	037·9	037·7	037·8	037·9	038·3	038·7	039·2	039·5	039·5	039·2	038·9	038·3	038·1	038·1	038·1	038·2	038·1	038·1	038·2	038·0	037·6	037·3	**038·3**
20	036·9	036·7	036·2	035·7	035·5	035·4	035·2	035·3	035·4	035·5	035·2	034·7	034·2	033·5	033·4	033·4	033·5	033·1	033·2	033·4	033·3	033·2	032·8	032·7	034·6
21	032·3	032·1	031·6	031·0	030·9	030·2	029·9	029·7	029·8	029·6	029·7	028·8	028·1	027·0	026·9	026·6	025·9	025·6	025·7	025·4	025·2	025·0	024·8	024·7	028·4
22	024·4	023·7	023·3	022·5	022·2	021·6	021·2	021·1	020·7	020·9	020·6	019·8	018·8	018·1	017·5	017·1	017·0	016·8	016·7	016·8	016·5	016·1	015·8	015·6	019·6
23	015·0	014·6	013·8	013·2	013·0	013·0	012·9	012·5	012·4	012·0	011·6	010·7	010·0	009·2	008·3	007·4	007·0	006·5	005·8	005·1	004·6	003·9	003·1	002·5	009·8
24	001·6	000·6	999·5	998·3	997·7	997·0	996·6	996·3	996·2	996·0	995·7	995·1	994·4	994·0	993·6	992·9	992·7	992·2	991·6	990·9	990·3	990·3	990·3	990·3	995·0
25	990·2	989·8	989·8	989·6	989·5	989·5	989·6	989·7	989·5	989·6	989·6	989·0	988·3	987·7	987·1	987·2	987·4	987·4	987·6	987·3	987·4	987·4	987·5	986·8	988·6
26	986·9	986·7	986·9	987·0	986·8	987·4	987·5	988·3	988·5	988·6	988·9	988·4	988·2	987·5	987·0	986·8	986·3	986·0	985·6	985·0	984·6	984·2	984·0	983·4	986·8
27	983·2	983·3	983·5	983·9	984·8	985·6	986·9	988·1	989·9	990·8	991·8	992·3	992·9	993·5	994·1	994·5	995·1	995·5	995·9	996·5	997·0	996·9	996·8	996·6	990·9
28	996·2	995·9	995·2	994·4	993·6	992·5	991·4	990·6	989·7	988·2	987·1	985·5	983·6	982·2	980·3	979·5	980·1	981·4	982·4	983·4	984·3	985·4	985·8	986·5	987·5
29	986·8	987·1	987·4	987·1	987·4	987·2	987·3	987·2	987·1	987·1	986·9	985·9	985·2	984·7	984·4	984·4	984·4	984·9	985·5	985·2	985·3	985·0	984·7	984·4	**986·0**
30	983·9	983·5	983·7	983·9	984·4	985·3	986·2	987·0	988·0	988·4	988·7	988·8	988·9	988·8	989·0	989·4	989·7	990·0	990·0	990·0	990·0	990·0	989·8	989·7	987·7
Mean (Station level)	1012·70	1012·54	1012·41	1012·18	1012·18	1012·16	1012·22	1012·41	1012·65	1012·76	**1012·92**	1012·65	1012·34	1012·01	**1011·87**	1011·87	1011·93	1012·13	1012·31	1012·35	1012·39	1012·43	1012·40	1012·38	1012·35
Mean (Sea level)	1014·38	1014·22	1014·09	1013·86	1013·86	1013·84	1013·90	1014·09	1014·33	1014·44	**1014·59**	1014·32	1014·01	1013·68	**1013·54**	1013·54	1013·60	1013·81	1013·99	1014·03	1014·07	1014·11	1014·08	1014·06	1014·30

296. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **December, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	989·2	988·7	988·6	987·9	987·4	987·0	986·2	985·8	986·1	986·1	985·2	984·9	984·5	983·9	983·9	984·0	984·4	985·4	986·0	986·7	987·0	987·4	987·9	988·2	986·4
2	988·0	988·0	987·9	987·9	987·9	987·9	987·8	987·8	987·9	987·7	987·7	987·6	987·6	987·9	988·1	988·6	989·0	989·7	990·5	991·1	992·0	992·5	992·9	993·4	988·9
3	993·8	994·2	994·8	995·2	995·7	996·4	997·0	997·4	998·6	999·3	999·7	999·7	999·5	000·3	000·0	999·9	000·2	999·8	999·9	000·5	000·3	999·5	998·6	997·7	998·2
4	996·4	994·3	993·9	991·9	990·9	990·3	990·3	990·4	991·1	991·7	993·0	993·4	993·2	994·1	994·0	994·0	994·2	995·8	995·2	995·4	996·9	997·7	998·1	998·6	993·9
5	998·3	998·8	999·8	000·0	999·8	000·4	000·9	001·1	001·6	002·7	003·2	003·3	003·5	003·5	003·8	004·5	004·9	006·2	006·9	008·4	010·3	011·1	012·4	013·8	003·8
6	015·4	016·4	017·6	018·6	019·6	020·4	020·6	021·4	022·6	023·2	023·5	023·4	023·4	023·5	023·6	023·4	023·3	023·1	022·8	022·5	022·4	021·9	021·3	021·3	021·3
7	020·8	020·3	019·7	019·1	018·3	017·5	016·7	016·0	015·8	015·2	015·1	013·9	013·8	013·3	012·9	012·6	012·9	013·6	014·6	015·3	015·9	016·5	016·8	017·0	016·1
8	016·9	017·1	017·4	017·5	017·3	017·1	016·6	016·6	016·4	016·0	015·7	015·2	014·6	014·2	013·9	014·1	014·1	015·0	015·5	015·7	016·9	017·0	017·5	017·8	016·1
9	017·9	018·2	018·7	019·0	019·3	019·8	020·2	020·8	021·5	022·0	022·3	022·2	022·1	022·1	022·2	022·3	022·4	022·6	023·1	023·2	023·4	023·4	023·4	023·5	021·4
10	023·6	023·3	023·3	023·2	022·8	022·8	022·8	023·0	023·5	023·6	023·8	023·3	022·6	022·5	022·6	022·6	022·6	022·6	022·5	022·5	022·6	022·4	022·1	021·9	022·9
11	021·4	021·2	021·0	020·6	020·4	020·0	020·0	019·9	020·2	020·3	020·6	020·1	019·5	019·2	019·1	018·9	018·7	018·6	018·4	018·2	018·0	017·6	017·4	017·1	019·5
12	016·8	016·5	016·5	016·5	016·6	016·7	016·8	016·9	017·0	016·9	016·9	016·5	016·2	015·8	015·5	015·0	014·7	014·5	014·0	013·5	012·7	011·7	010·7	009·4	015·3
13	008·4	006·7	005·8	005·4	004·6	006·1	006·3	006·8	007·4	007·9	008·3	008·5	008·3	008·3	008·4	008·6	008·9	009·2	009·6	009·8	010·1	010·2	010·2	010·3	008·1
14	010·2	010·5	010·5	010·8	010·8	011·4	011·5	012·0	012·5	012·7	012·8	012·6	012·4	011·9	011·8	011·3	010·5	009·6	008·5	007·3	005·7	003·6	001·1	998·4	009·8
15	996·2	994·3	993·7	993·4	992·6	991·8	991·0	990·5	989·7	988·7	987·6	985·7	984·1	983·0	982·9	984·4	986·7	989·1	991·0	992·5	993·7	995·6	997·1	998·4	990·6
16	999·1	000·5	001·6	002·7	003·6	005·3	007·0	008·3	010·4	011·5	012·6	012·9	013·6	014·2	015·0	015·3	015·4	015·4	015·2	015·5	015·7	015·8	015·6	015·7	010·4
17	015·8	015·8	016·1	016·4	016·5	016·5	016·5	017·2	017·7	017·7	017·8	017·5	017·0	016·6	016·3	015·9	015·9	016·0	015·5	015·1	015·3	015·5	014·9	014·2	016·3
18	013·6	013·2	012·7	012·2	011·8	011·0	010·0	010·1	010·1	009·5	009·6	009·7	009·6	009·7	010·6	011·0	011·4	011·6	011·6	012·2	012·6	012·7	013·2	013·5	011·4
19	013·7	013·9	014·4	014·8	015·1	015·8	016·3	016·9	017·8	018·4	018·9	018·6	018·5	018·4	018·6	018·7	018·9	019·4	019·7	020·3	020·6	020·6	021·1	021·2	017·8
20	021·3	021·3	021·4	021·5	021·6	021·8	022·2	022·5	023·1	023·4	023·8	023·9	023·7	023·4	023·2	023·5	023·5	023·4	023·2	023·3	023·1	023·0	022·7	022·6	022·7
21	022·0	021·6	021·4	020·5	019·9	019·5	019·5	019·3	019·2	018·8	018·9	018·2	017·6	016·5	015·9	015·2	014·3	013·5	012·9	012·7	011·7	010·4	009·4	008·4	016·9
22	007·4	005·7	005·1	003·5	002·9	002·5	002·3	002·0	001·1	000·2	998·9	996·8	995·3	995·2	997·5	999·8	001·1	001·8	001·3	000·0	997·3	993·4	992·1	992·0	000·1
23	991·2	990·2	990·6	991·7	992·6	993·8	995·3	995·7	995·8	996·0	995·9	995·9	996·4	996·7	996·9	996·9	997·3	997·4	997·3	997·2	997·4	996·9	997·0	996·7	995·3
24	996·4	996·1	996·0	995·9	995·6	995·6	995·7	995·6	995·7	995·5	995·4	995·0	994·5	993·7	993·4	993·3	993·4	993·3	993·6	995·6	997·7	998·8	999·5	000·3	995·6
25	000·5	000·4	000·1	999·7	999·3	999·2	999·0	998·5	998·8	998·6	998·5	998·3	998·2	996·9	996·0	994·9	993·3	992·3	991·2	991·2	991·3	992·0	992·3	992·8	996·5
26	992·4	992·9	993·7	995·1	996·2	996·9	997·1	997·8	999·1	999·0	998·8	998·9	998·4	997·3	996·0	995·3	994·1	991·9	988·9	986·7	984·6	982·7	981·4	980·4	993·4
27	979·4	978·1	977·3	977·0	977·1	977·3	977·4	976·5	976·6	976·8	979·6	979·9	979·6	979·9	980·2	980·3	980·9	981·5	981·8	981·8	981·2	981·2	981·5	981·7	**979·3**
28	981·9	982·4	982·7	983·2	983·3	984·1	986·0	987·8	988·9	989·5	990·8	991·5	992·4	993·6	994·7	995·8	997·1	998·8	999·7	000·9	002·4	003·7	004·7	005·5	992·1
29	006·2	007·1	008·0	008·2	008·3	008·0	007·5	007·5	007·4	006·0	005·3	003·8	002·0	000·7	998·7	997·5	995·7	994·2	992·8	991·6	992·2	992·3	991·9	991·9	001·3
30	992·0	992·0	992·2	992·8	992·7	993·2	993·6	994·0	995·4	996·4	996·4	996·2	996·4	996·0	996·4	997·2	997·9	997·5	997·6	997·2	996·4	995·1	994·1	993·5	995·1
31	993·3	993·2	994·1	995·1	994·7	994·6	996·0	996·9	997·7	998·5	998·2	998·4	998·4	998·6	998·6	999·5	999·2	999·4	000·4	000·9	001·6	001·2	002·0	001·7	997·8
Mean (Station level)	1006·50	**1004·29**	1004·41	1004·43	1004·36	1004·54	1004·71	1004·93	1005·38	1005·48	**1005·64**	1005·35	1005·06	1004·89	1004·86	1004·98	1005·06	1005·23	1005·20	1005·32	1005·45	1005·27	1005·19	1005·13	1004·98
Mean (Sea level)	1006·17	**1005·96**	1006·08	1006·10	1006·03	1006·21	1006·38	1006·60	1007·05	1007·15	**1007·31**	1007·02	1006·72	1006·55	1006·52	1006·65	1006·73	1006·90	1006·87	1006·99	1007·12	1006·94	1006·86	1006·80	1006·65
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not however, apply to monthly means.

PRESSURE AT STATION LEVEL AND AT SEA LEVEL.
ANNUAL MEANS OF HOURLY VALUES.

From readings in millibars at exact hours, Greenwich Mean Time.

297. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **1924.**

G.M.T.	1	2	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Station Level	009·69	009·53	009·34	009·18	**009·10**	009·15	009·27	009·43	009·66	009·68	009·76	009·69	009·54	009·40	009·30	009·22	009·22	009·33	009·45	009·61	009·81	**009·83**	009·80	009·75	009·49
Sea Level	011·35	011·19	011·00	010·85	**010·77**	010·81	010·93	011·09	011·32	011·34	011·42	011·35	011·19	011·05	010·95	010·87	010·88	010·99	011·11	011·27	011·47	**011·49**	011·46	011·41	011·15

PRESSURE AT STATION LEVEL: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cylic change.

298. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **1924.**

Month.	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb	mb.	mb.	mb.	mb.	mb	mb.
Jan.	1006·44	+0·26	+0·25	+0·27	+0·16	−0·09	−0·12	−0·04	+0·29	+0·66	+0·70	**+0·78**	+0·52	+0·09	−0·34	−0·58	−0·68	**−0·75**	−0·64	−0·64	−0·48	−0·18	+0·08	+0·21	+0·29
Feb.	1018·56	+0·06	−0·09	−0·25	−0·39	**−0·40**	−0·33	−0·29	−0·06	+0·31	+0·38	+0·52	**+0·53**	+0·25	−0·02	−0·17	−0·31	−0·29	−0·14	−0·02	+0·05	+0·18	+0·20	+0·14	+0·15
Mar.	1006·41	+0·25	+0·10	−0·15	−0·42	−0·49	**−0·52**	−0·31	−0·12	+0·10	+0·14	+0·23	+0·25	+0·17	+0·05	−0·08	−0·26	−0·35	−0·22	−0·04	+0·15	+0·35	+0·35	+0·38	**+0·41**
Apr.	1009·99	+0·30	+0·02	−0·27	−0·51	**−0·64**	−0·53	−0·42	−0·36	−0·11	−0·08	+0·02	+0·01	−0·02	−0·03	−0·11	−0·14	−0·06	+0·09	+0·20	+0·41	**+0·64**	+0·53	+0·57	+0·49
May	1007·23	+0·14	+0·01	−0·25	−0·40	**−0·44**	−0·38	−0·21	−0·11	0·00	−0·01	+0·06	+0·13	+0·09	+0·10	+0·07	−0·07	−0·11	−0·15	−0·08	+0·08	+0·40	**+0·42**	+0·39	+0·31
June	1013·60	+0·03	−0·15	−0·43	**−0·52**	−0·51	−0·37	−0·22	−0·03	+0·09	+0·02	+0·08	+0·06	+0·06	+0·11	+0·09	+0·07	+0·08	+0·08	+0·14	+0·21	**+0·39**	+0·36	+0·29	+0·08
July	1009·37	+0·32	+0·17	−0·10	−0·25	**−0·34**	−0·33	−0·26	−0·26	−0·19	−0·26	−0·21	−0·17	−0·18	−0·16	−0·12	−0·12	−0·10	+0·01	+0·12	+0·30	+0·49	**+0·59**	+0·57	+0·47
Aug.	1010·52	+0·07	−0·22	−0·49	−0·75	**−0·85**	−0·83	−0·63	−0·42	−0·22	−0·15	−0·01	+0·03	+0·08	+0·18	+0·21	+0·18	+0·23	+0·28	+0·38	+0·56	**+0·76**	+0·71	+0·54	+0·35
Sept.	1006·47	+0·47	+0·41	+0·25	+0·09	+0·03	+0·14	+0·27	+0·36	**+0·53**	+0·44	+0·38	+0·22	0·00	−0·31	−0·66	−1·00	**−1·09**	−0·92	−0·65	−0·19	+0·13	+0·26	+0·39	+0·46
Oct.	1007·98	+0·19	+0·02	−0·26	−0·36	−0·42	**−0·43**	−0·39	−0·17	+0·07	+0·09	+0·11	+0·16	−0·01	−0·11	−0·18	−0·32	−0·26	−0·06	+0·14	+0·31	**+0·54**	+0·53	+0·44	+0·39
Nov.	1012·35	+0·15	+0·01	−0·10	−0·31	−0·30	−0·29	−0·22	−0·01	+0·25	+0·38	**+0·55**	+0·30	+0·01	−0·30	**−0·43**	−0·41	−0·33	−0·11	+0·09	+0·14	+0·20	+0·26	+0·25	+0·25
Dec.	1004·98	−0·30	**−0·53**	−0·43	−0·42	−0·50	−0·34	−0·18	+0·02	+0·45	+0·53	**+0·68**	+0·37	+0·07	−0·14	−0·16	−0·06	0·00	+0·16	+0·11	+0·21	+0·33	+0·13	+0·04	−0·04
Year.	1009·49	+0·16	0·00	−0·18	−0·34	**−0·41**	−0·36	−0·24	−0·07	+0·16	+0·18	+0·27	+0·20	+0·05	−0·08	−0·18	−0·26	−0·25	−0·15	−0·02	+0·15	+0·35	**+0·37**	+0·35	+0·30

ABSOLUTE EXTREMES OF PRESSURE AT STATION LEVEL FOR EACH DAY.

Maximum and minimum for the interval 0 h. to 24 h., Greenwich Mean Time.

299. Cahirciveen (Valencia Observatory) : H_b = 13·7 metres. **1924.**

Month	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	029·8	020·6	037·5	030·6	093·1	988·1	027·2	025·1	007·9	002·1	017·2	009·6	016·4	994·7	011·5	003·7	017·5	008·9	008·1	003·0	002·6	992·5	989·7	983·8
2	020·6	017·7	**038·1**	036·9	991·4	982·6	026·0	022·8	002·1	000·0	019·6	016·9	995·9	993·7	017·5	011·5	021·4	017·5	007·8	000·7	007·5	991·7	993·4	997·6
3	019·8	014·8	038·0	034·5	001·6	991·4	023·8	021·7	015·1	001·6	018·8	011·0	994·9	**988·3**	016·5	009·8	021·4	020·1	011·4	007·8	021·6	007·4	000·5	993·4
4	019·1	016·9	034·5	030·1	005·6	001·5	025·1	022·0	016·4	014·4	014·1	000·9	999·8	992·9	013·2	009·5	021·0	014·8	010·7	001·9	028·2	021·6	998·6	990·0
5	016·9	009·1	030·1	024·2	020·0	001·9	025·5	024·0	016·2	009·0	015·0	009·0	005·6	993·3	018·0	008·8	014·9	000·0	003·8	000·5	028·8	026·4	013·8	998·2
6	009·1	989·3	024·2	020·3	023·1	019·9	024·9	019·2	009·0	001·5	014·2	009·5	008·7	005·6	023·6	017·4	000·0	993·9	002·8	996·5	031·6	028·8	023·6	013·8
7	002·5	988·7	020·3	997·7	023·0	020·0	019·2	011·4	011·6	002·5	013·1	003·2	015·7	007·6	029·6	023·6	993·9	992·2	004·6	002·3	030·9	023·2	021·3	012·5
8	988·7	**970·0**	997·7	975·4	020·0	013·6	011·4	005·4	018·1	011·0	018·2	010·3	015·2	006·5	**029·7**	028·6	001·1	992·4	013·8	004·0	023·2	002·0	017·8	013·8
9	990·9	979·5	979·0	975·4	013·6	000·2	005·6	000·2	017·0	007·2	017·7	006·4	016·9	007·6	028·9	022·4	017·1	001·0	013·6	006·5	002·0	991·4	023·5	017·8
10	991·0	985·4	981·8	**973·1**	011·4	009·5	009·3	001·0	007·3	005·1	006·4	995·7	014·6	012·8	022·4	010·2	017·2	008·7	008·5	003·4	004·7	994·2	023·8	021·9
11	995·0	982·8	993·6	981·8	014·6	010·9	009·4	999·1	009·0	005·1	999·1	**991·2**	015·4	009·3	010·2	005·8	008·7	000·5	008·5	000·0	028·4	004·7	021·9	017·1
12	000·2	991·0	993·4	981·8	014·2	011·0	003·7	000·3	010·0	004·9	015·8	999·1	009·3	001·0	009·5	002·0	000·6	996·0	015·0	008·5	034·8	028·2	017·1	009·4
13	990·4	988·4	013·5	985·9	015·1	012·5	000·7	991·8	011·3	005 2	023·6	015·8	**022·3**	008·1	012·3	007·3	009·9	998·3	024·0	013·0	028·2	009·8	010·3	004·6
14	995·1	978·6	027·1	013·5	017·0	014·9	002·8	990·5	014·2	008·5	023·3	021·7	**022·3**	017·2	011·0	003·3	018·1	009·9	024·4	021·3	012·5	009·3	012·9	998·4
15	985·2	977·8	028·9	025·8	018·2	016·5	014·5	002·8	016·6	011·1	021·7	016·0	017·2	006·6	011·1	000·8	017·4	007·7	022·3	020·0	024·9	012·5	998·4	982·6
16	991·5	985·2	036·0	026·4	017·9	016·4	017·3	014·3	**022·6**	016·6	016·0	010·6	011·5	006·7	002·5	991·6	010·7	003·0	024·5	020·9	031·1	024·9	015·8	998·4
17	996·1	991·5	036·2	027·0	018·0	016·3	022·3	016·6	021·9	014·6	010·6	996·9	013·8	004·4	998·9	**987·8**	012·9	000·3	**026·9**	023·0	033·9	030·7	017·9	014·2
18	996·1	989·7	027·4	023·0	016·4	011·5	027·3	021·9	014·6	005·0	999·9	995·8	016·5	013·8	004·9	998·9	019·4	012·9	023·0	008·3	037·7	033·4	014·2	009·3
19	006·1	991·4	027·4	024·8	011·5	002·5	033·6	027·3	005·0	998·4	010·0	999·8	015·6	007·7	003·5	997·6	017·8	995·3	008·3	006·2	**039·5**	037·3	021·3	013·5
20	011·4	003·3	025·8	024·7	002·5	997·3	**035·4**	033·0	000·1	996·0	015·4	010·0	014·8	009·1	002·3	999·0	002·4	**97 ·9**	007·0	001·2	037·3	032·6	**023·9**	021·1
21	003·5	994·3	026·6	024·6	997·3	994·4	033·0	021·2	999·1	997·1	021·9	015·4	016·2	014·7	003·4	998·7	001·1	997·0	013·6	997·9	032·7	024·7	022·6	008·4
22	012·5	999·7	033·0	026·2	997·8	984·4	021·2	008·1	003·1	997·3	023·9	020·1	015·8	013·4	008·0	002·6	001·4	980·7	025·8	013·6	024·7	015·6	008·4	991·5
23	015·5	008·8	035·8	033·0	984·4	**980·1**	008·1	997·5	002·6	994·7	023·2	019·3	018·1	014·2	019·4	007·1	003·7	985·0	025·7	014·8	015·6	002·5	997·4	990·2
24	023·6	010·0	035·4	025·5	986·5	984·4	998·0	993·7	999·7	**992·0**	**024·8**	022·0	019·6	018·0	024·0	019·3	003·6	992·3	015·1	004·1	002·5	990·0	000·3	993·0
25	030·0	023·6	026·3	023·1	986·3	985·3	993·8	985·1	007·9	999·7	024·7	023·0	018·5	015·5	023·6	021·3	012·0	999·4	004·1	996·4	990·4	986·8	000·7	990·9
26	032·2	025·1	029·3	026·3	994·0	985·8	994·5	**982·4**	009·8	007·2	023·1	018·0	020·8	018·4	022·4	019·3	020·8	012·0	000·5	996·2	989·0	983·4	999·2	980·4
27	**040·0**	032·2	029·0	024·2	002·9	994·0	995·0	985·6	012·2	007·2	022·7	018·3	019·8	998·9	019·4	013·4	**023·9**	020·8	999·6	993·9	997·0	983·0	981·9	**975·9**
28	039·8	031·9	026·2	021·7	008·6	002·9	001·0	991·0	012·2	009·5	002·2	011·3	998·9	993·1	013·4	002·9	022·5	006·6	003·8	997·7	996·6	**979·3**	005·5	981·7
29	031·9	024·3	021·7	003·1	020·0	008·4	001·0	993·2	009·5	002·6	011·3	007·7	006·5	994·8	003·3	002·1	006·7	990·5	001·9	992·1	987·4	984·4	008·4	990·8
30	024·3	021·9	...	...	**027·6**	020·0	005·8	990·9	007·4	002·0	017·5	010·7	009·6	005·5	003·5	000·3	009·0	993·3	997·6	**988·2**	990·1	983·5	998·5	991·3
31	030·6	020·0	...	...	027·5	025·3	...	...	010·3	007·2	...	...	009·7	007·4	008·9	000·1	...	...	002·6	995·3	...	...	002·1	987·9
Mean.	1011 ·14	1002 ·05	1022 ·54	1014 ·50	1009 ·39	1003 ·34	1013 ·88	1006 ·04	1010 ·32	1004 ·40	1016 ·83	1009 ·84	1012 ·77	1005 ·83	1013 ·75	1007 ·31	1011 ·60	1000 ·96	1011 ·59	1004 ·49	1017 ·18	1007 ·86	1009 ·18	999 ·79

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

300. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

January, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	82·2	82·5	82·5	82·5	81·6	81·4	82·1	82·4	82·5	82·6	83·1	83·3	83·3	83·2	83·1	83·0	83·1	83·1	83·4	83·3	83·3	83·4	83·4	83·5	82·8
2	83·6	83·3	82·9	82·6	82·5	82·7	81·9	81·9	82·2	81·4	81·5	81·5	81·9	81·9	81·7	81·3	81·4	81·1	80·9	80·8	80·3	80·5	80·9	80·6	81·8
3	80·0	80·1	80·3	80·6	80·4	80·5	80·5	80·6	80·9	81·5	82·3	82·5	82·9	83·2	83·2	83·3	83·1	83·1	83·0	83·1	83·0	82·9	83·0	82·8	81·9
4	82·7	82·9	83·0	82·9	83·0	83·0	83·1	82·9	82·9	83·1	83·4	83·7	83·9	83·8	83·4	82·7	82·5	82·4	82·1	82·1	82·0	81·8	81·7	81·8	82·8
5	81·8	82·0	82·0	82·0	82·1	82·1	82·1	82·2	82·3	82·3	82·4	82·3	82·1	82·1	82·1	82·2	81·9	81·9	81·9	82·0	82·0	82·1	82·0	82·3	82·1
6	82·2	81·9	81·9	81·8	82·1	81·8	82·0	82·2	82·5	82·4	82·4	82·5	82·9	82·8	83·1	83·0	82·9	82·9	83·0	82·8	82·6	82·1	82·1	82·1	82·4
7	81·9	81·6	80·4	80·0	79·2	77·8	77·0	76·5	75·9	76·2	76·8	78·0	79·2	79·6	79·8	79·5	78·5	79·4	79·5	79·6	80·0	80·1	80·4	80·5	79·1
8	80·7	81·3	80·6	80·4	80·3	80·7	81·6	81·6	82·0	82·1	82·1	82·8	82·7	82·5	82·5	82·6	82·8	82·6	81·5	80·7	80·4	80·2	80·1	79·9	81·5
9	79·8	79·3	78·8	77·8	77·2	77·2	76·7	76·6	76·5	76·7	76·7	76·9	77·4	77·2	77·6	77·9	78·2	78·5	78·7	79·7	79·7	80·2	80·0	80·0	78·1
10	80·2	79·8	79·6	79·4	79·2	79·0	78·5	77·3	76·1	75·2	75·5	76·0	76·2	77·0	77·8	77·9	77·9	77·6	76·5	76·1	76·1	75·7	75·3	74·9	77·4
11	74·8	74·6	78·4	78·0	77·5	76·4	75·8	76·3	76·9	78·1	77·8	79·0	79·5	80·1	80·6	80·5	81·1	82·2	81·6	81·4	81·9	80·3	79·7	79·6	78·7
12	78·4	78·1	77·7	77·8	78·5	78·0	77·5	77·2	77·2	78·2	78·6	79·3	79·5	80·0	79·8	79·5	78·8	78·1	76·9	76·2	76·0	75·5	75·2	74·7	77·9
13	74·8	75·1	75·3	75·3	75·3	75·8	76·3	76·8	77·1	77·3	77·6	77·8	78·4	78·1	78·5	78·4	77·4	76·2	75·7	75·5	76·4	77·4	77·2	77·1	**76·7**
14	77·9	78·7	79·4	79·2	79·3	79·9	80·3	80·6	81·1	81·4	81·2	80·7	80·7	80·5	80·9	81·0	81·6	81·2	81·6	81·7	81·7	80·9	81·8	82·0	80·5
15	81·9	82·1	82·1	82·0	81·2	81·1	80·8	81·1	81·0	81·2	81·5	81·5	81·4	81·9	82·6	82·5	81·9	81·6	81·8	81·9	82·0	82·0	82·1	82·1	81·7
16	82·1	82·1	81·9	82·0	81·9	81·8	81·7	81·4	81·5	82·0	82·4	83·1	83·2	83·3	83·3	82·6	82·4	82·3	81·9	82·1	82·2	82·4	82·5	82·5	82·3
17	82·2	82·1	81·6	81·6	81·7	81·7	82·2	82·2	82·2	82·5	82·5	82·9	82·9	82·9	82·8	82·7	82·1	81·5	82·3	82·6	82·6	82·3	81·9	82·1	82·3
18	82·6	82·9	83·3	83·4	83·5	83·5	83·6	83·6	83·7	83·6	83·3	83·5	83·9	83·8	83·6	82·8	82·6	82·2	82·2	81·9	81·9	81·7	81·9	81·2	82·9
19	81·3	80·3	80·0	79·6	80·0	80·0	80·0	79·0	80·0	80·9	81·7	82·1	82·3	82·1	82·2	82·3	81·9	81·9	81·6	81·8	81·4	81·5	81·7	81·7	81·1
20	81·7	81·7	81·3	81·5	81·2	81·1	80·7	80·9	80·3	80·5	81·2	82·0	82·5	82·7	82·3	82·3	82·1	81·8	81·7	81·3	81·8	82·2	82·7	83·2	81·7
21	83·4	83·6	83·8	83·8	83·8	83·9	83·9	83·9	84·0	84·2	85·0	85·0	85·3	85·3	85·8	85·2	84·9	84·3	84·4	84·2	83·0	81·8	81·5	81·4	**84·0**
22	81·2	81·3	81·2	81·2	81·0	81·0	80·9	80·3	79·9	80·2	80·7	80·7	81·0	81·3	81·3	80·9	80·3	80·0	78·5	78·0	77·2	77·0	76·5	76·4	80·0
23	76·1	76·4	76·4	78·5	78·5	78·9	78·3	79·7	79·7	80·3	81·0	81·2	81·6	81·9	81·8	81·6	81·6	81·3	81·4	81·6	82·2	82·7	82·6	82·5	80·2
24	82·4	81·3	80·8	80·7	81·3	81·5	82·1	82·1	81·5	81·0	81·5	81·7	81·9	81·6	81·3	78·8	79·1	80·1	79·3	79·4	78·6	79·7	79·8	79·7	80·8
25	79·5	79·4	79·5	80·3	80·9	81·0	81·7	82·1	82·3	82·3	82·7	83·1	83·4	83·3	83·3	83·1	82·4	82·0	81·6	81·8	81·6	81·6	81·6	81·8	81·7
26	82·1	82·1	82·2	82·2	82·2	82·2	82·2	82·3	82·4	82·7	83·1	83·5	83·5	83·5	83·8	83·7	83·4	83·4	83·1	83·2	81·6	80·3	80·7	80·1	82·5
27	80·1	80·2	80·1	80·3	80·1	80·0	79·7	78·7	79·4	79·9	80·9	81·1	81·5	81·3	81·3	80·9	79·9	79·2	79·4	79·5	79·5	79·2	78·4	80·1	
28	77·5	77·5	77·3	77·1	76·9	76·7	76·2	76·1	76·1	77·1	78·9	79·8	80·7	80·8	80·9	80·9	80·6	80·4	80·5	80·6	80·8	81·1	81·2	80·9	79·0
29	80·5	80·9	80·7	80·6	80·5	80·4	80·4	80·1	80·1	80·5	80·6	80·9	81·1	81·3	81·3	81·0	80·8	80·4	80·3	80·1	80·0	80·0	80·0	80·2	80·5
30	80·1	80·4	80·8	80·8	80·8	81·0	81·1	80·5	80·6	81·4	81·6	81·9	82·1	82·2	82·3	82·3	81·8	81·7	81·7	81·5	81·5	81·4	81·3	81·3	81·3
31	81·5	81·6	81·4	81·5	81·6	81·9	81·8	81·4	81·5	81·6	80·2	80·3	80·7	80·9	81·6	81·4	80·7	79·9	79·0	78·9	79·1	79·5	79·5	78·8	80·7
Mean ...	80·6	80·6	80·6	80·6	80·5	80·5	80·4	**80·3**	80·4	80·7	81·0	81·3	81·6	81·7	**81·8**	81·6	81·3	81·1	80·9	80·8	80·7	80·6	80·6	80·5	80·9

301. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

February, 1924.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	77·2	77·5	78·9	78·9	79·6	79·0	78·0	78·9	78·5	79·4	80·4	81·0	81·2	81·3	81·1	80·9	80·8	80·8	80·9	80·6	80·7	80·7	80·9	80·9	79·9
2	81·2	81·4	81·6	81·4	81·6	80·8	80·2	80·6	80·8	81·6	81·6	82·3	82·5	82·4	82·7	82·3	82·1	81·5	81·5	81·3	81·2	81·4	81·4	81·3	**81·5**
3	80·5	80·9	81·1	80·5	80·5	80·1	80·4	79·9	80·1	80·4	80·4	80·6	80·8	80·9	81·0	81·1	81·1	81·1	80·9	80·6	80·2	80·4	80·5	80·5	80·6
4	79·8	80·2	79·9	80·3	80·5	80·0	80·4	81·1	81·4	81·9	82·0	82·5	82·4	82·2	82·2	82·0	81·6	81·5	81·5	81·5	81·2	81·2	80·5	80·5	81·2
5	80·2	80·9	80·6	81·0	80·9	80·9	81·0	81·0	81·1	81·5	81·6	81·7	81·8	81·9	82·1	82·0	81·8	81·8	81·8	81·7	81·7	81·6	81·6	81·4	81·4
6	81·5	81·4	81·3	81·2	81·2	81·3	81·2	80·7	80·4	80·9	81·4	81·7	81·5	81·5	81·3	81·3	80·9	80·6	80·4	80·3	80·0	79·9	80·1	80·2	81·4
7	80·2	80·4	79·7	79·5	78·9	79·1	79·3	78·9	79·4	79·7	79·6	79·9	79·9	80·3	80·1	79·9	80·2	80·3	79·7	79·8	80·3	80·0	80·8	80·9	79·9
8	80·8	80·7	80·8	81·2	80·9	80·5	80·7	80·7	80·9	81·2	81·4	81·4	81·6	81·9	82·0	81·3	80·8	80·5	80·1	80·7	79·9	79·2	79·5	78·8	80·8
9	78·2	78·2	78·4	78·6	78·4	78·4	78·6	79·8	79·8	80·0	80·2	81·3	81·6	81·8	82·0	80·7	80·2	80·3	80·5	80·8	81·0	80·7	81·1	80·6	80·0
10	80·4	80·4	80·4	80·1	79·8	79·7	79·7	79·6	80·0	80·5	81·0	81·5	81·9	82·0	81·3	82·2	81·5	80·8	80·4	80·2	80·4	80·2	79·4	79·0	80·5
11	78·2	77·5	77·2	76·4	76·5	76·1	76·3	75·9	76·1	76·0	78·3	79·9	80·9	81·5	81·1	81·2	81·0	80·5	79·8	79·7	79·1	79·3	79·8	79·3	78·6
12	79·4	79·6	79·9	79·6	80·1	80·4	80·6	80·7	80·8	81·1	81·4	81·3	81·3	80·8	80·4	80·0	80·7	80·7	80·7	80·7	80·7	80·7	80·6	80·5	80·5
13	79·9	79·7	79·7	79·7	79·5	79·3	79·2	79·1	78·8	78·9	79·2	79·4	79·9	79·8	79·8	78·8	78·7	78·7	78·4	78·1	78·1	77·9	77·9	77·3	79·1
14	76·9	76·9	77·1	76·5	75·4	74·9	74·0	74·1	74·6	75·7	76·9	77·5	78·0	78·6	78·9	79·2	78·6	78·4	78·3	78·2	78·5	78·2	78·0	77·8	77·1
15	77·2	77·1	77·1	77·3	76·4	77·6	77·9	78·4	78·0	78·7	79·2	80·1	79·9	80·6	80·5	80·5	80·4	80·1	80·0	79·9	79·5	78·6	78·3	78·7	78·8
16	77·8	77·1	76·1	75·7	75·2	75·9	75·8	75·7	76·0	76·5	77·5	77·9	78·4	78·5	79·1	79·6	78·6	77·8	77·5	77·6	75·9	75·5	75·2	74·4	77·0
17	74·1	73·7	72·6	72·6	72·5	72·5	72·3	72·6	73·4	74·3	76·2	77·3	78·9	79·7	80·1	79·9	79·8	78·8	79·6	79·5	79·7	80·3	80·5	80·4	76·6
18	80·7	81·1	81·6	81·5	81·4	81·3	81·3	81·0	80·7	81·3	81·8	81·9	81·4	81·3	81·7	81·4	80·9	80·5	79·9	79·4	78·6	77·6	77·4	77·1	80·6
19	76·6	76·1	76·3	75·7	75·9	75·7	75·8	76·2	76·1	76·8	77·4	77·9	78·2	78·5	79·2	79·2	79·2	78·9	79·0	79·0	78·9	79·1	79·2	79·2	77·6
20	79·2	79·2	78·8	78·5	78·4	78·3	78·1	77·6	78·3	79·6	80·5	81·4	81·5	81·6	81·3	80·9	80·6	80·3	80·2	80·2	80·2	80·3	80·3	80·0	79·8
21	80·3	80·4	80·8	80·6	80·9	80·8	80·9	81·0	81·1	81·4	81·4	81·2	81·8	82·2	82·3	82·3	81·7	81·3	81·4	81·3	80·4	80·3	80·2	79·9	81·1
22	79·5	78·9	78·2	77·8	77·5	77·5	76·7	77·5	77·1	78·4	79·4	80·5	81·1	81·4	81·5	82·0	81·3	79·2	78·3	78·5	78·7	77·9	77·6	77·1	79·0
23	76·3	75·3	74·9	74·8	74·4	74·3	74·0	73·2	74·4	75·5	77·3	78·9	78·9	79·0	78·8	78·9	78·8	77·9	76·6	75·8	75·0	74·8	73·8	72·5	**76·1**
24	72·9	72·8	72·4	73·0	73·5	74·3	75·1	76·2	79·6	80·3	80·7	81·2	81·3	81·7	82·3	82·1	82·1	81·9	81·9	81·6	81·4	81·1	80·9	81·1	78·6
25	81·0	80·9	80·7	80·9	80·7	80·7	80·5	80·6	80·7	80·4	80·4	80·2	79·8	80·5	81·2	80·7	80·5	80·3	80·1	80·2	79·9	79·5	78·1	77·4	80·3
26	76·9	76·3	75·6	75·6	75·8	75·3	74·6	74·7	75·1	76·8	77·4	78·5	79·4	79·6	79·9	79·9	80·0	79·2	78·4	78·8	78·4	78·4	78·8	78·3	77·6
27	78·1	78·4	77·7	78·1	78·1	78·5	79·5	79·4	79·9	80·6	80·9	81·1	81·5	81·4	81·6	82·2	81·5	81·0	81·1	81·2	79·9	78·6	78·4	78·8	79·9
28	78·5	78·5	77·8	76·5	76·6	76·7	76·7	77·1	77·9	78·8	79·4	79·7	80·0	80·1	79·4	79·6	79·6	79·4	79·2	79·2	79·1	78·8	78·8	79·0	78·6
29	79·6	79·9	79·7	79·9	79·8	80·3	80·4	80·2	80·8	80·9	81·4	81·8	81·4	80·3	80·5	80·9	80·9	79·6	79·0	78·8	78·4	77·7	76·9	77·5	79·9
Mean ...	78·7	78·7	78·5	78·4	78·3	78·3	**78·2**	78·4	78·7	79·3	79·9	80·4	80·6	80·8	**80·9**	80·8	80·5	80·1	79·9	79·8	79·6	79·3	79·2	79·0	79·4
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

302. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

March, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	77·5	77·0	76·6	74·9	75·9	75·8	75·9	76·2	76·3	76·1	77·2	77·4	77·2	75·5	76·2	76·5	76·7	75·5	74·6	73·4	74·5	74·4	71·3	73·0	75·7
2	74·0	72·9	73·9	74·3	73·4	72·2	70·6	70·8	71·5	72·3	72·5	73·7	74·8	74·0	73·9	75·2	76·3	76·3	75·6	73·7	74·8	75·4	75·8	77·4	**73·9**
3	77·0	74·4	75·6	75·6	75·4	74·4	75·4	75·8	76·5	75·7	75·6	76·3	77·6	78·1	78·9	78·6	78·4	78·5	78·4	77·8	77·0	76·3	75·8	75·3	76·6
4	75·7	74·9	74·6	74·3	74·2	73·9	73·3	72·4	73·2	74·6	76·4	77·6	78·5	79·2	79·1	79·1	78·8	77·9	77·5	77·4	77·5	78·1	78·4	78·0	76·4
5	78·3	78·0	78·1	78·5	78·2	78·5	77·4	77·6	77·9	78·4	78·9	79·4	79·1	79·4	79·2	79·6	79·5	78·6	77·6	77·0	76·2	75·7	75·3	75·6	78·1
6	74·9	74·4	74·0	73·5	73·2	72·0	71·5	70·9	71·7	74·2	75·8	77·5	78·3	78·8	79·0	78·9	78·4	78·2	77·7	77·9	78·5	78·6	78·7	78·6	76·0
7	78·5	78·4	78·5	78·5	78·5	78·4	78·6	79·1	79·5	79·9	80·3	81·1	81·4	81·0	80·6	80·9	80·6	80·5	80·5	80·4	80·3	80·4	80·4	80·3	79·8
8	80·4	80·2	79·9	79·9	79·9	80·0	80·0	80·3	80·9	81·5	82·5	82·6	82·2	82·0	81·6	81·5	81·6	81·5	81·4	81·4	81·4	81·4	81·4	81·4	81·1
9	81·4	81·4	81·4	81·4	81·4	81·4	81·6	81·8	82·1	82·3	82·7	83·3	82·8	82·9	83·0	82·7	82·9	82·5	82·3	81·9	81·3	81·3	81·3	81·2	82·0
10	81·2	80·0	80·9	80·9	80·8	80·6	80·5	80·6	81·0	81·4	81·9	82·4	82·6	83·1	83·4	83·3	83·0	82·1	81·4	81·1	80·9	80·9	80·9	81·4	81·5
11	81·5	81·9	82·0	82·1	81·9	81·9	81·9	82·0	82·1	82·6	83·1	83·5	83·3	83·2	83·5	83·5	83·8	84·5	84·2	83·9	84·1	83·6	83·6	83·5	82·9
12	83·4	83·4	83·3	83·5	83·4	84·1	84·3	84·7	84·4	84·8	84·1	84·0	84·3	84·2	83·6	84·6	83·9	83·6	83·6	83·5	83·7	83·9	83·8	83·5	83·9
13	83·4	83·6	83·6	84·2	84·2	83·9	82·9	83·1	83·4	83·5	84·7	85·1	85·7	85·5	85·3	85·0	84·1	83·5	83·2	83·1	83·1	82·9	82·9	82·7	83·9
14	82·4	82·3	82·1	82·5	82·3	82·0	81·9	81·3	82·5	83·8	84·4	85·3	85·5	85·5	86·1	85·6	85·5	84·5	83·7	83·6	82·5	82·3	81·8	81·4	83·4
15	81·1	81·5	79·7	79·9	80·4	81·4	79·8	78·4	80·3	82·5	83·8	84·7	84·8	84·4	83·9	84·0	83·1	82·6	81·5	80·2	79·2	77·5	76·9	76·6	81·3
16	75·2	75·1	74·7	74·5	74·1	75·5	74·1	74·6	76·6	78·9	80·4	82·2	83·4	83·5	83·1	83·2	82·5	81·6	80·0	80·6	82·1	81·6	80·1	79·5	79·0
17	79·0	78·4	78·0	78·1	77·9	77·7	78·1	78·6	79·2	80·1	80·9	81·7	81·6	81·6	81·5	81·4	81·2	81·0	80·6	80·5	79·9	79·7	78·0	76·5	79·7
18	77·4	77·0	77·3	76·7	78·3	78·5	78·5	78·6	79·0	79·3	79·3	79·6	79·5	79·9	80·0	80·0	79·9	79·8	79·2	78·5	78·4	78·1	78·0	77·3	78·7
19	76·7	76·7	76·3	76·5	76·4	76·5	77·6	78·1	78·3	79·4	79·5	80·0	80·6	81·3	81·1	80·4	80·2	80·2	79·5	78·9	78·4	77·9	77·9	77·8	78·6
20	78·3	78·0	77·5	77·8	77·5	78·1	78·7	78·9	80·1	80·6	82·5	82·9	82·7	82·7	82·4	81·7	81·3	80·4	80·4	80·5	80·5	80·2	80·6	80·8	80·1
21	80·9	80·9	81·2	81·2	81·1	81·5	81·6	81·9	82·2	82·8	83·6	84·2	84·3	84·5	84·3	84·1	84·1	84·1	83·5	83·4	83·3	83·1	83·2	83·1	82·8
22	82·8	82·6	82·8	82·3	82·4	82·5	82·3	82·5	83·0	83·5	84·5	84·7	85·0	84·7	84·0	83·8	83·9	84·0	83·7	83·8	83·9	84·0	83·9	83·7	83·5
23	83·4	83·1	83·0	82·7	82·8	82·7	82·6	82·9	83·0	83·5	84·5	84·2	84·2	84·4	84·2	84·1	83·9	83·5	83·1	82·8	82·6	82·7	82·5	82·4	83·3
24	82·4	82·2	82·1	82·2	81·9	81·5	82·1	82·6	83·6	84·3	84·7	84·8	84·8	84·9	84·8	84·4	84·3	84·0	83·8	83·6	83·4	83·0	82·8	82·6	83·4
25	82·0	82·0	82·3	82·8	82·7	82·7	82·7	83·0	83·5	84·4	85·0	85·2	85·6	85·7	85·7	86·3	85·2	84·4	84·0	83·6	83·5	83·4	83·3	83·3	83·8
26	83·2	83·2	83·0	83·4	83·1	83·0	83·4	83·5	83·9	84·3	85·3	85·6	85·7	85·6	85·6	85·2	85·1	85·0	84·5	84·2	84·0	83·5	83·1	82·9	**84·1**
27	83·0	82·9	83·0	82·5	82·4	82·4	82·4	82·4	82·5	82·9	83·7	83·4	83·3	82·8	82·3	82·5	82·9	82·8	82·0	81·5	80·9	80·7	81·0	80·7	82·4
28	80·5	80·1	79·8	79·6	79·4	79·4	79·4	79·6	79·6	80·0	79·9	80·0	79·8	79·8	80·2	79·9	79·3	78·8	78·5	78·3	78·0	77·5	76·7	75·8	79·3
29	75·4	75·4	75·9	76·6	77·0	77·2	77·3	77·4	77·3	77·5	77·9	78·2	78·6	79·1	79·5	79·4	78·7	78·2	77·8	77·8	77·7	77·6	77·5	77·5	77·6
30	77·3	77·3	77·6	77·6	77·2	77·1	77·2	77·4	77·4	78·3	78·7	78·6	79·2	79·8	79·8	79·5	79·6	78·9	78·7	78·6	78·1	76·5	75·8	75·2	78·0
31	74·9	75·1	73·4	73·0	72·4	72·5	72·0	73·6	77·0	78·5	80·3	80·5	80·7	81·7	82·0	81·6	81·4	80·9	80·0	78·8	78·1	77·1	76·8	76·5	77·4
Mean ...	79·5	79·2	79·1	79·1	79·0	79·0	**78·9**	79·1	79·7	80·4	81·1	81·6	81·8	**82·0**	81·9	81·8	81·6	81·2	80·7	80·4	80·3	80·0	79·7	79·5	80·3

303. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres. **April, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	76·1	74·9	75·3	74·4	74·4	74·4	73·5	75·9	78·3	79·6	80·9	81·6	81·9	82·8	82·9	82·0	82·0	81·4	80·9	79·9	79·2	78·9	78·2	76·9	78·6
2	75·8	75·1	74·8	74·5	74·4	73·6	73·9	76·0	77·7	79·9	81·0	81·4	81·3	82·5	81·9	81·6	81·7	80·7	79·2	77·7	78·0	76·4	75·6	76·5	78·0
3	76·1	75·6	76·2	75·1	74·6	74·6	74·8	76·1	76·6	78·7	78·5	79·4	79·2	79·8	80·0	80·5	80·3	79·7	78·7	77·6	77·4	76·9	75·5	77·5	77·5
4	74·3	74·1	73·4	73·9	75·2	75·6	75·8	76·8	77·4	77·3	79·0	79·6	80·3	80·6	80·1	80·5	79·9	79·9	79·3	78·5	78·3	78·3	77·9	77·9	77·6
5	78·2	77·9	77·8	77·6	77·5	77·6	77·4	78·6	80·7	81·0	81·9	82·4	83·0	83·8	83·4	83·2	82·9	82·0	81·3	81·0	80·8	80·0	79·5	79·8	80·3
6	79·9	80·3	79·4	80·1	79·9	79·9	80·0	81·6	81·7	81·2	81·9	82·6	82·9	83·4	82·4	82·4	82·1	81·7	81·4	81·3	81·2	81·1	81·0	81·1	81·2
7	80·8	80·5	80·0	78·8	78·2	76·9	77·0	79·0	80·6	82·7	84·1	84·9	84·7	84·5	84·6	84·2	83·3	82·2	82·2	82·1	81·4	81·4	80·9	81·2	81·5
8	81·4	81·4	81·4	81·4	81·1	80·4	80·6	80·1	79·4	79·8	81·6	78·6	79·3	79·2	81·3	78·7	78·9	79·0	78·2	77·5	77·8	78·3	76·6	75·6	79·6
9	75·4	75·9	77·3	76·6	76·5	75·4	74·8	77·0	78·0	78·6	79·4	80·4	79·4	78·5	80·1	78·1	78·7	78·5	78·2	77·1	77·4	76·2	75·7	75·7	**77·5**
10	76·2	76·7	75·9	76·7	77·1	77·5	77·7	78·3	77·3	78·8	77·5	76·3	78·4	78·1	79·5	79·4	79·6	79·6	79·5	79·4	79·4	79·4	78·9	78·6	78·1
11	78·6	78·3	77·6	77·4	77·9	77·7	77·7	77·6	77·2	78·4	79·9	81·4	79·4	80·0	80·4	79·4	81·0	80·8	80·2	79·8	80·2	79·9	79·5	79·7	79·2
12	79·9	79·2	79·4	79·3	78·1	77·9	79·1	79·4	79·5	79·9	80·1	80·1	80·1	80·4	80·4	80·1	80·4	79·9	79·3	76·9	75·4	77·1	78·4	78·3	79·1
13	77·9	77·3	77·7	76·5	78·1	78·4	77·6	79·0	79·8	80·5	80·8	81·7	81·9	82·4	82·3	82·1	80·5	79·9	79·9	79·5	79·4	79·2	79·1	78·7	79·6
14	78·5	78·2	77·8	77·6	77·7	77·6	77·5	78·8	79·2	79·6	80·0	80·5	81·1	80·7	80·6	80·4	80·1	79·6	79·3	78·4	77·5	76·3	74·7	74·3	78·7
15	73·5	73·0	72·5	72·3	72·5	72·4	74·0	77·4	79·2	81·3	82·0	82·2	82·4	82·5	82·6	82·4	82·2	81·6	80·8	80·6	80·8	80·3	79·9	77·9	78·5
16	77·7	77·4	75·8	75·7	75·5	75·9	77·3	78·1	78·7	79·7	80·6	81·2	81·5	80·9	81·3	80·9	80·7	80·7	80·2	79·8	79·6	79·4	79·6	79·6	79·0
17	80·0	79·9	79·9	80·0	79·9	78·8	80·5	81·6	81·9	83·0	83·6	83·9	84·1	84·5	84·9	84·7	83·9	83·5	82·9	81·9	81·9	82·4	82·5	82·7	82·1
18	82·8	82·8	82·5	82·4	82·4	82·4	82·5	82·9	83·0	83·5	83·8	84·4	84·7	84·8	84·8	84·5	84·5	83·8	83·4	83·3	83·0	82·8	82·5	81·9	83·3
19	81·6	81·9	82·1	82·2	82·2	82·2	82·6	83·6	84·6	85·1	85·0	85·4	85·4	86·2	87·3	86·9	86·4	85·6	85·2	84·4	84·3	84·2	84·1	84·0	84·2
20	83·8	83·7	83·6	83·5	83·5	83·5	83·6	84·2	85·0	85·9	86·5	87·5	87·7	87·3	87·3	87·6	86·8	86·2	84·9	84·6	84·4	83·6	83·2	82·6	85·1
21	82·1	81·6	80·1	80·7	81·0	81·7	82·5	83·3	84·3	85·6	86·6	87·2	87·4	87·4	88·1	88·4	88·5	87·9	86·4	85·5	85·1	85·0	85·6	85·7	84·8
22	85·5	85·3	84·9	84·7	84·3	84·3	84·9	85·5	86·1	86·7	87·6	87·4	88·5	87·5	86·3	86·3	85·5	85·0	84·5	83·3	82·9	82·4	82·3	82·3	**85·2**
23	82·1	82·4	82·4	82·4	82·3	82·5	83·1	83·4	84·7	83·5	83·4	84·1	85·0	84·9	84·3	84·1	84·3	84·4	84·6	84·3	84·1	84·2	84·0	83·6	83·6
24	83·8	83·8	83·9	84·1	83·9	83·9	84·0	84·0	83·5	84·0	84·7	85·5	84·3	84·7	85·8	86·2	85·2	85·2	84·9	84·0	83·9	83·9	84·1	83·8	84·4
25	83·7	83·9	83·9	83·9	83·9	83·9	84·1	84·5	84·7	84·7	85·4	86·1	85·4	85·4	85·4	85·5	85·3	85·0	84·6	84·4	84·4	84·2	83·9	83·1	84·6
26	82·5	82·6	82·5	82·4	82·5	82·6	82·5	83·6	84·6	84·4	85·4	84·2	84·6	85·9	83·4	82·8	82·6	81·9	82·3	81·6	81·4	80·6	80·3	80·1	82·9
27	80·0	80·5	79·8	80·1	80·2	80·0	79·4	79·8	80·4	80·7	80·4	81·9	82·7	83·1	83·0	83·5	82·5	80·0	80·5	80·4	80·6	81·4	81·7	82·3	81·0
28	82·6	82·4	82·6	82·5	82·7	82·7	82·5	82·6	83·2	83·8	84·0	84·3	85·1	85·2	85·0	85·2	84·9	84·5	83·9	83·4	83·1	82·7	82·5	82·2	83·5
29	82·1	81·8	81·7	82·2	82·1	82·1	82·1	83·1	83·7	84·1	85·2	85·4	85·9	86·3	86·8	86·4	86·4	85·6	84·6	84·4	83·5	84·1	83·7	83·6	84·0
30	83·6	83·5	83·5	83·6	83·6	83·4	83·4	83·5	83·9	84·3	84·3	85·2	85·6	85·7	85·2	85·2	84·5	84·6	83·9	83·5	83·2	82·8	83·2	83·3	84·0
Mean ...	79·9	79·7	79·5	79·4	79·4	**79·3**	79·5	80·5	81·2	81·9	82·5	82·9	83·1	83·3	**83·4**	83·1	82·9	82·3	81·8	81·2	81·0	80·8	80·5	80·3	81·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

304. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

May, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·1	82·9	82·8	82·9	82·5	82·5	82·7	83·3	83·8	83·8	84·7	83·7	85·4	86·0	85·9	86·6	86·4	85·3	84·2	82·9	82·4	82·3	82·5	82·7	83·8
2	82·4	82·1	81·8	81·8	82·3	82·5	83·0	83·7	85·7	86·0	85·8	86·1	85·7	85·7	85·8	85·7	85·9	85·3	83·6	82·9	82·7	82·8	82·7	82·7	83·9
3	82·7	82·6	82·4	81·9	81·9	81·8	81·8	81·7	81·3	82·5	82·9	82·7	83·1	83·2	83·3	83·4	83·4	83·1	82·3	81·3	80·6	80·4	79·9	79·6	82·1
4	78·4	78·3	77·5	76·9	75·9	76·0	77·8	79·8	82·6	82·9	80·5	82·7	83·4	83·9	82·2	83·3	82·3	82·0	81·5	80·2	80·0	80·1	80·2	80·0	**80·3**
5	80·2	79·9	79·6	79·4	80·1	80·3	81·1	81·5	81·9	80·6	80·8	82·7	83·2	83·5	83·7	82·6	82·5	82·2	82·5	82·2	82·5	82·6	82·9	82·7	81·7
6	82·5	82·1	81·9	81·8	81·8	81·4	82·2	82·5	83·5	83·3	83·2	82·5	82·1	83·5	83·1	83·2	83·2	81·5	81·4	81·1	80·9	80·1	80·3	80·6	82·1
7	80·0	80·4	80·1	80·1	79·5	80·5	80·6	80·9	80·7	80·5	82·0	80·1	81·5	82·5	82·0	82·5	81·9	81·9	80·7	80·7	80·3	80·9	80·9	80·8	80·9
8	80·9	80·5	80·4	79·9	80·8	81·0	81·6	82·2	82·3	82·7	82·9	83·4	83·6	83·8	83·7	83·9	84·0	82·8	82·5	82·2	81·9	81·2	81·0	81·2	82·1
9	81·5	81·7	81·4	81·2	81·8	82·3	82·9	83·8	84·1	84·5	84·6	84·6	84·9	85·2	85·1	84·8	84·6	84·2	83·7	83·2	83·1	82·8	83·2	83·6	83·4
10	83·6	83·1	82·3	81·8	82·3	82·7	81·9	83·8	84·8	84·7	83·3	85·1	86·1	84·8	84·6	85·6	85·6	85·4	84·3	83·2	82·7	82·1	81·6	81·4	83·7
11	81·4	81·0	80·9	80·9	80·6	81·4	83·7	84·7	84·6	85·0	85·5	86·3	85·9	85·0	83·8	84·4	84·3	84·3	84·2	83·3	82·3	81·0	80·7	80·4	83·2
12	79·1	79·9	79·1	79·3	79·0	79·5	81·3	83·5	84·1	85·3	85·2	85·6	86·1	86·4	85·8	85·0	84·3	83·5	83·4	83·0	82·7	82·5	82·5	82·3	82·8
13	82·1	81·7	81·5	81·9	82·2	82·2	83·7	84·5	85·8	86·3	86·4	86·2	86·5	85·9	85·5	85·5	85·4	85·2	84·8	84·4	83·9	83·8	82·8	83·1	84·2
14	83·1	83·4	83·4	83·1	82·5	83·4	82·5	83·8	84·8	84·6	84·7	85·8	85·9	86·2	86·5	86·1	86·1	84·8	84·4	83·2	82·2	81·9	82·0	81·4	84·0
15	81·5	81·6	82·0	82·5	81·5	81·5	81·4	82·9	82·0	83·5	82·6	85·1	84·9	85·5	85·6	84·2	85·6	84·1	83·8	82·4	82·8	82·8	82·2	82·3	83·1
16	82·2	82·4	82·4	82·2	81·5	82·3	84·5	85·1	85·6	85·9	85·8	86·5	85·6	85·2	85·2	85·4	85·9	85·4	84·5	83·5	82·4	81·6	81·5	81·3	83·9
17	81·7	81·6	81·6	81·4	82·0	81·6	83·4	85·1	85·4	85·7	86·0	86·3	86·4	86·3	86·1	85·7	86·9	84·6	84·6	83·4	83·2	83·6	83·3	82·7	84·1
18	82·8	83·3	82·9	83·0	83·1	83·5	85·3	86·8	87·7	87·7	88·5	88·1	87·4	87·5	87·1	87·7	87·7	86·7	86·1	86·0	85·3	84·5	84·4	84·6	85·7
19	84·6	84·8	86·1	85·4	85·3	84·3	84·6	86·5	86·6	86·5	86·2	86·2	86·1	86·2	87·1	87·5	87·0	86·5	86·5	86·4	86·3	86·2	85·4	85·1	86·0
20	84·5	84·5	84·3	84·6	84·5	84·9	85·2	86·8	87·0	86·9	87·1	87·0	86·5	86·3	87·1	86·8	85·8	85·5	85·5	85·3	85·2	85·3	85·1	85·1	85·7
21	85·0	84·8	84·8	85·0	84·9	85·2	85·5	86·9	87·3	88·5	87·5	87·9	87·8	88·3	88·8	87·6	87·2	86·6	86·5	85·9	85·5	85·5	85·5	85·4	86·4
22	85·4	85·5	85·4	85·1	84·9	85·2	85·5	86·5	85·5	85·5	86·0	86·9	87·2	87·1	86·8	86·2	85·7	85·5	84·7	83·9	83·9	84·0	84·1	84·0	85·5
23	83·6	83·4	83·9	83·9	82·9	83·3	83·8	83·4	84·9	83·5	85·1	85·9	85·3	85·9	85·2	85·6	85·2	84·8	84·4	83·4	83·2	83·1	83·1	82·4	84·2
24	82·3	82·4	82·9	82·6	83·0	83·1	83·5	83·9	84·5	84·7	85·1	85·3	85·3	84·5	84·1	85·1	85·5	85·3	84·7	84·2	83·7	83·6	83·6	83·5	84·0
25	83·4	83·4	83·2	83·1	83·1	83·3	83·6	84·2	85·0	85·4	85·1	86·2	86·2	85·9	84·4	85·5	85·2	84·8	84·6	84·2	83·9	83·5	83·5	83·6	84·3
26	83·4	83·4	83·4	83·4	83·4	83·6	82·9	84·7	85·7	86·4	86·5	86·6	86·6	86·0	85·2	84·9	84·6	84·4	84·3	84·6	84·7	84·8	84·8	84·8	84·7
27	84·7	84·9	84·9	85·1	85·2	84·9	84·9	85·3	85·4	85·6	85·6	86·3	86·7	86·2	86·0	85·8	85·6	85·5	85·5	85·4	85·3	85·2	84·9	84·8	85·4
28	84·4	84·4	84·6	84·6	84·8	84·9	85·9	85·9	86·9	87·5	87·9	87·8	88·0	89·3	90·2	91·1	90·4	89·2	89·3	89·3	88·9	88·1	87·1	87·7	87·3
29	87·7	87·4	87·3	87·5	87·4	88·3	88·3	89·0	89·6	89·5	89·6	89·5	89·3	88·7	88·6	89·4	89·5	87·2	85·9	86·3	86·4	86·2	86·4	85·6	**88·0**
30	85·3	84·8	85·2	85·1	85·6	85·6	86·6	86·5	86·5	86·4	87·7	88·5	88·9	89·1	89·0	89·4	88·9	88·1	87·4	86·6	86·4	86·3	85·8	85·3	86·9
31	85·4	85·3	85·1	85·5	85·6	85·9	86·5	86·9	87·3	87·8	89·0	89·6	89·6	89·8	89·5	90·1	90·9	89·9	87·3	87·0	86·4	85·7	85·5	85·4	87·4
Mean ...	82·9	82·8	82·7	82·7	**82·6**	82·9	83·5	84·4	84·9	85·2	85·3	85·7	85·8	**85·9**	85·7	85·8	85·7	85·0	84·5	83·9	83·6	83·4	83·2	83·1	84·2

305. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

June, 1924.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	85·2	85·0	84·7	84·0	83·7	84·2	84·6	85·9	85·4	86·1	85·7	86·4	86·4	86·2	86·9	86·9	87·1	86·1	85·5	85·1	85·0	84·8	84·5	84·2	85·4
2	84·3	84·0	84·1	83·6	83·6	84·1	84·6	85·2	85·7	85·7	86·1	85·8	85·9	86·5	86·7	88·5	88·2	87·3	87·0	86·7	86·3	86·3	86·2	86·0	85·7
3	85·7	85·8	85·8	85·6	85·6	85·5	85·8	86·1	86·5	86·8	87·1	88·1	88·9	89·5	88·7	88·9	88·5	88·1	87·6	87·4	86·9	86·8	86·7	86·6	87·0
4	86·5	86·2	85·6	85·4	85·1	84·9	85·1	85·2	85·5	86·1	86·8	86·8	87·9	88·0	87·8	87·8	87·1	86·4	85·8	85·6	85·7	85·5	85·5	85·6	86·2
5	85·5	85·4	85·4	85·3	85·0	85·1	85·6	86·6	88·0	87·3	87·1	86·9	87·4	86·9	86·2	86·6	86·7	86·1	86·2	86·2	86·1	85·9	86·1	86·4	86·2
6	86·1	86·0	86·0	85·9	85·3	85·2	85·7	87·0	87·7	88·1	88·7	89·5	89·9	90·1	89·9	90·3	90·0	88·8	88·0	87·3	86·5	86·1	85·4	85·9	**87·5**
7	86·2	86·4	86·4	86·5	86·5	86·6	86·8	87·1	87·3	87·9	87·9	88·1	88·1	88·7	89·2	86·6	85·8	86·8	86·7	86·0	85·6	85·5	85·4	85·5	86·8
8	84·8	85·2	85·3	85·5	85·7	85·4	86·3	87·3	86·8	87·3	87·1	87·9	88·3	88·8	88·6	88·7	87·7	87·8	86·9	86·2	85·6	85·5	85·0	84·7	86·6
9	84·3	83·8	84·4	84·7	84·7	85·4	86·1	86·9	86·9	87·2	85·4	86·3	85·8	85·8	86·3	87·6	87·5	87·5	86·9	86·2	85·4	85·5	84·9	85·4	85·9
10	85·6	85·4	85·6	85·4	85·6	85·8	85·9	86·1	86·0	86·3	86·6	86·5	86·5	86·7	88·0	88·5	87·7	86·7	86·4	86·2	86·2	86·0	85·6	84·1	86·3
11	84·7	85·0	85·2	85·2	84·9	85·2	85·4	85·4	85·9	85·4	85·9	86·5	86·4	86·6	87·1	86·4	86·4	85·9	85·6	85·4	85·4	85·3	85·4	85·7	85·6
12	85·6	85·5	85·4	85·5	85·4	85·3	85·3	85·3	85·4	85·5	85·6	85·5	85·1	85·7	85·5	85·5	85·8	86·1	85·9	85·6	95·5	85·2	84·6	84·6	85·5
13	84·6	84·6	84·5	84·4	84·4	84·6	85·3	85·4	85·6	85·9	86·2	86·4	87·4	88·1	88·1	88·8	88·5	87·6	86·4	85·6	84·8	83·4	82·4	81·8	85·7
14	81·3	81·2	81·3	81·6	82·6	84·4	85·4	86·2	86·5	87·5	86·8	86·8	86·5	86·4	86·4	86·8	86·6	86·5	86·3	86·2	86·2	86·4	86·3	86·3	85·3
15	86·2	86·0	86·0	85·9	86·0	85·1	85·5	85·6	86·4	87·4	88·4	88·5	88·4	88·4	88·9	87·9	87·1	86·8	86·4	85·7	85·4	85·4	85·5	85·5	86·6
16	85·5	85·3	85·0	84·9	85·0	85·4	85·5	85·8	86·1	86·3	86·9	87·9	88·0	87·5	87·9	87·3	86·9	86·4	85·9	85·9	85·7	85·6	85·6	85·5	86·2
17	84·6	83·9	83·0	82·5	83·5	85·2	85·7	86·6	87·3	86·9	87·4	87·9	89·6	88·9	89·3	88·7	87·5	87·2	86·5	86·0	85·5	85·5	85·3	84·9	86·2
18	84·7	84·9	85·6	85·2	84·9	85·0	85·5	87·1	89·2	88·4	87·1	86·6	87·0	88·4	88·9	88·5	87·9	86·5	86·1	85·7	85·5	85·1	84·7	84·3	86·4
19	84·3	84·3	84·2	84·1	83·9	83·7	83·9	84·1	84·8	85·0	86·7	85·0	87·3	85·9	86·3	87·2	87·2	86·4	85·1	84·1	83·2	82·5	82·4	82·4	84·8
20	82·4	82·2	82·2	82·4	82·3	83·4	86·2	85·3	86·0	86·8	85·3	85·0	85·8	85·6	85·1	86·5	85·4	86·8	85·7	84·7	84·4	84·2	82·7	82·5	**84·5**
21	82·0	81·7	81·0	81·2	81·5	83·4	86·6	85·9	88·0	87·2	87·8	87·7	88·1	87·0	86·7	87·6	87·9	86·9	86·5	86·1	85·9	85·6	85·5	85·3	85·5
22	85·4	85·1	85·2	85·2	85·3	85·4	85·9	86·5	87·4	87·6	88·5	87·5	86·5	85·8	86·0	86·4	86·0	85·5	85·5	85·6	85·7	85·7	85·5	85·5	86·0
23	86·0	86·2	86·4	86·3	86·1	86·2	86·6	87·0	86·5	87·3	88·1	88·6	89·1	89·2	88·9	87·7	88·3	88·1	87·7	87·5	87·3	87·1	86·8	86·8	87·3
24	86·9	87·0	87·1	87·1	87·1	87·1	87·2	87·3	87·4	87·5	87·6	88·0	88·1	88·2	88·2	88·0	87·7	87·5	87·3	87·1	86·9	86·9	86·9	86·7	87·4
25	86·4	86·4	86·5	86·5	86·5	86·5	86·7	86·9	87·0	87·3	87·5	87·6	87·6	87·9	88·1	87·8	87·8	87·6	87·4	87·2	87·1	86·8	86·6	86·5	87·1
26	86·2	86·1	85·9	85·9	85·9	86·3	86·3	86·2	86·5	86·7	86·9	86·6	86·9	86·7	86·5	86·7	86·6	86·6	86·6	86·5	86·5	86·2	86·2	85·6	86·4
27	85·5	84·9	84·5	84·5	84·5	84·5	85·5	85·6	85·8	86·1	86·4	86·5	87·0	87·4	87·7	87·6	87·5	87·1	86·5	85·9	85·7	85·3	84·8	84·3	85·9
28	84·2	84·2	84·5	84·6	84·5	85·3	85·8	86·1	86·5	86·7	86·6	86·9	86·6	86·9	87·7	88·2	87·4	86·9	86·5	86·3	86·1	86·4	86·2	86·2	86·1
29	86·2	86·3	86·3	86·4	86·4	86·4	85·8	86·1	86·3	86·7	86·9	86·9	87·5	88·2	88·2	88·2	87·6	87·6	87·1	86·3	85·9	85·9	85·2	84·8	86·7
30	85·1	85·1	85·1	84·8	84·8	85·0	85·5	85·9	86·4	88·4	86·3	87·1	87·6	88·1	88·1	88·0	88·7	87·8	87·4	86·3	84·9	83·1	82·3	81·2	86·0
Mean ...	85·1	85·0	84·9	**84·9**	84·9	85·2	85·7	86·1	86·6	86·8	86·9	87·1	87·4	87·5	87·6	**87·7**	87·4	87·0	86·5	86·1	85·8	85·5	85·2	85·0	86·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

306. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

July, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	80·9	80·9	80·7	80·8	83·4	84·8	85·3	86·8	87·7	87·3	87·1	86·3	85·7	85·9	86·4	86·6	87·4	87·8	87·1	86·2	86·0	86·0	85·7	85·4	85·3
2	85·4	85·4	85·4	85·3	85·3	85·5	85·6	86·2	86·6	86·6	88·1	87·9	88·4	88·4	88·6	88·6	88·1	87·8	87·3	86·5	85·2	84·9	84·7	84·7	86·5
3	84·5	84·1	83·8	83·9	83·8	84·1	84·8	85·0	85·4	85·6	85·3	84·9	85·1	85·9	86·7	87·1	86·8	86·4	85·9	84·9	83·5	82·8	82·5	83·3	**84·9**
4	82·5	83·2	83·4	82·3	82·4	83·5	84·1	86·0	86·2	85·4	84·6	84·7	86·6	86·6	87·0	87·7	87·7	87·5	86·4	85·6	84·8	83·8	84·2	83·6	85·0
5	83·6	84·2	83·8	83·5	83·6	84·0	84·4	84·9	84·6	84·9	84·9	86·5	87·2	87·7	88·4	86·8	85·1	85·4	85·8	85·8	85·3	85·4	85·0	84·5	85·2
6	84·5	83·3	83·4	83·6	83·5	84·5	86·7	85·9	85·6	86·1	86·9	87·4	87·7	88·8	88·6	88·7	87·8	87·1	86·7	86·5	86·2	86·5	86·5	86·4	86·2
7	86·4	86·5	86·5	86·6	86·6	86·6	86·9	87·2	87·6	87·8	88·2	88·6	88·7	89·4	88·5	88·5	87·9	88·0	87·5	87·3	86·7	86·5	86·4	86·3	87·4
8	86·2	86·1	85·9	85·9	85·9	86·5	97·1	87·7	87·8	88·4	88·1	89·0	89·6	89·6	89·2	88·8	88·0	87·4	87·6	87·4	86·9	86·9	86·8	87·1	87·5
9	87·2	86·9	86·8	86·7	86·6	87·2	87·3	87·4	89·1	88·7	88·4	90·6	90·6	90·2	89·7	89·6	89·2	88·3	87·6	87·2	87·3	87·4	87·5	87·7	88·1
10	87·8	88·0	88·1	88·1	88·1	88·1	88·2	88·5	88·4	88·4	88·2	88·0	88·2	88·2	88·2	88·5	88·3	88·2	87·9	87·6	87·5	87·5	87·5	87·5	88·0
11	87·5	87·5	87·5	87·5	87·5	87·5	87·7	87·8	88·0	88·1	88·4	88·4	88·3	88·0	88·5	87·9	88·1	88·2	88·0	87·8	87·8	88·0	88·0	87·8	87·9
12	88·1	88·9	89·6	90·4	90·1	89·4	88·6	89·6	88·3	88·2	88·6	89·6	90·3	90·1	89·9	88·7	89·5	89·4	88·5	88·0	87·3	87·4	87·4	86·7	**88·9**
13	86·5	86·4	85·6	85·5	85·8	86·5	86·8	87·5	88·9	88·9	89·3	88·9	89·5	89·6	89·5	89·6	89·7	89·2	88·4	87·9	87·3	87·1	86·8	86·6	87·8
14	86·6	86·7	86·9	86·8	86·7	87·2	87·5	88·3	88·8	89·0	90·0	89·4	89·5	89·2	88·6	88·2	88·3	88·4	88·3	88·1	87·9	87·8	87·7	87·7	88·0
15	87·4	87·4	87·4	87·4	87·5	87·6	87·7	87·9	88·2	88·4	88·5	88·8	88·7	88·6	88·9	89·5	88·7	88·4	87·9	87·6	87·5	87·5	87·4	87·1	88·0
16	86·7	86·7	86·1	85·9	85·9	85·8	86·9	87·5	88·4	88·3	88·6	88·8	89·1	88·6	88·6	88·7	88·9	88·6	87·9	87·1	86·1	86·5	86·5	86·5	87·5
17	86·5	86·4	86·5	86·5	86·5	86·3	86·1	86·2	85·8	85·9	85·9	86·8	87·3	88·1	87·1	87·6	88·8	87·2	86·8	86·8	86·5	86·3	86·2	86·3	86·7
18	86·1	86·1	86·2	86·2	86·1	85·9	85·8	86·2	86·2	87·4	87·5	87·9	87·4	88·5	88·8	88·4	88·6	88·4	87·7	86·9	86·4	86·3	86·4	85·9	87·0
19	85·5	85·4	85·5	85·5	85·6	85·4	85·9	86·9	87·1	87·3	88·1	88·9	88·2	88·0	87·6	87·0	86·8	85·8	85·9	85·6	86·2	86·1	85·9	86·0	86·5
20	85·6	85·5	85·4	84·9	85·0	85·4	86·0	87·2	87·9	88·0	88·4	89·2	89·5	88·8	89·5	89·9	89·2	88·9	89·0	88·5	88·2	87·7	87·5	87·1	87·6
21	86·6	86·5	86·4	85·9	85·3	84·9	85·4	85·7	86·6	86·8	87·5	87·2	87·6	88·1	88·6	87·9	88·4	87·4	86·7	86·1	85·8	85·3	84·9	84·7	86·6
22	84·5	84·1	84·1	84·1	84·2	84·8	86·9	86·8	86·8	87·3	87·6	89·3	88·5	88·9	89·4	88·8	88·5	88·0	87·9	87·6	87·0	86·6	86·3	86·5	86·8
23	86·5	86·4	86·3	85·9	85·7	85·9	86·2	86·4	86·9	87·5	87·4	88·0	87·9	88·0	87·9	88·6	89·1	88·2	87·7	87·2	86·5	86·0	85·7	85·9	87·0
24	86·0	86·1	86·2	86·2	86·3	86·3	85·6	85·9	85·4	85·5	86·4	86·7	88·4	88·8	89·0	87·8	87·4	87·3	86·8	86·8	86·8	86·8	87·3	87·3	86·7
25	87·3	87·3	87·4	87·5	87·5	87·4	87·5	87·8	87·7	87·5	87·7	87·4	87·7	87·7	87·8	87·4	87·9	87·6	87·1	86·5	87·2	87·1	87·1	87·1	87·4
26	87·0	86·7	86·6	86·7	86·7	87·0	86·5	86·6	87·0	86·9	87·3	87·6	87·9	87·9	87·2	88·5	89·6	88·7	88·5	87·4	86·7	86·9	86·9	86·6	87·3
27	86·5	86·2	86·2	86·4	86·5	86·4	86·8	88·6	88·1	88·6	88·9	88·5	88·5	88·5	88·3	88·5	88·4	87·8	86·8	86·7	86·9	87·3	87·5	87·7	87·5
28	87·3	87·0	86·8	86·2	86·4	86·4	86·5	86·8	88·6	88·6	88·3	89·4	89·6	90·1	89·0	89·0	89·3	88·8	88·3	87·7	87·5	87·6	87·6	87·7	87·9
29	87·9	87·9	87·5	87·4	87·4	87·5	87·7	87·4	87·9	88·3	88·9	88·5	88·9	89·0	89·4	89·1	89·8	88·6	88·3	87·5	86·8	86·3	86·2	86·5	88·0
30	86·5	86·4	86·5	86·7	86·7	86·7	87·1	87·7	89·0	89·3	89·5	89·5	89·3	89·4	89·9	90·3	89·4	88·9	88·3	87·8	87·6	87·5	87·3	87·1	88·1
31	86·9	86·8	86·7	87·0	87·3	87·2	87·5	87·7	87·6	87·8	87·9	88·3	88·2	88·5	89·1	88·9	88·4	88·0	87·7	87·6	87·6	87·8	88·0	87·8	87·7
Mean ...	86·1	86·0	86·0	**85·9**	86·0	86·2	86·6	87·0	87·4	87·5	87·7	88·1	88·3	88·5	**88·5**	88·5	88·4	87·9	87·5	87·0	86·7	86·6	86·5	86·4	87·1

307. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

August, 1924.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	87·5	87·5	87·5	87·6	87·5	87·3	87·4	87·8	88·9	88·4	89·0	88·9	89·6	89·7	88·1	88·9	88·5	88·5	87·9	87·5	86·9	86·7	86·4	86·5	88·0
2	86·5	87·1	87·2	87·2	86·9	86·9	86·9	87·4	88·0	88·2	88·6	88·7	89·6	89·5	89·6	89·9	88·9	89·2	88·1	87·4	86·8	86·4	86·2	85·5	87·8
3	85·4	85·9	86·5	86·7	86·7	87·0	87·5	88·4	89·0	88·9	88·9	88·6	88·0	88·8	89·0	88·7	88·6	88·1	87·9	87·4	87·1	87·3	87·6	87·6	87·7
4	87·5	87·4	87·2	87·4	87·7	88·2	88·4	88·4	88·6	88·8	88·9	89·2	89·5	89·7	89·5	89·5	89·5	89·2	89·1	88·9	88·9	88·9	88·8	89·0	**88·6**
5	89·0	89·0	88·8	88·8	88·8	88·9	87·4	87·3	87·4	87·9	88·5	88·8	88·5	88·9	88·7	89·5	88·8	89·1	88·3	87·6	87·2	87·0	85·9	85·8	88·2
6	85·9	85·8	86·3	86·3	86·3	86·4	86·4	86·2	86·6	86·8	87·4	88·2	87·8	88·3	88·4	88·4	89·0	87·9	87·5	87·1	86·5	86·2	86·1	86·1	87·0
7	85·5	85·2	84·9	85·1	85·9	85·4	86·5	88·0	87·5	88·0	88·2	88·0	88·5	89·0	88·6	88·9	89·5	88·5	87·9	87·1	85·7	84·5	84·0	82·8	86·9
8	82·2	81·4	81·4	80·7	81·4	81·5	83·4	85·2	86·9	88·0	88·7	90·1	90·0	90·1	90·6	90·5	90·2	89·4	88·3	87·2	85·9	85·5	84·8	84·5	86·1
9	84·1	82·5	82·1	82·3	82·2	82·7	85·2	86·7	88·9	88·6	89·1	89·4	89·4	88·6	89·6	89·9	89·7	89·2	88·1	86·8	86·3	86·3	85·9	86·4	86·6
10	86·4	86·2	85·6	86·3	86·1	85·9	86·9	87·7	88·6	88·9	89·5	90·0	90·7	91·3	90·9	90·5	90·4	89·4	89·1	88·4	88·4	88·1	88·1	87·7	88·4
11	88·1	87·5	87·4	87·1	86·9	86·9	87·1	87·2	88·1	88·8	89·2	88·9	89·6	89·8	89·6	89·2	88·9	88·1	88·1	87·2	87·2	86·6	87·0	86·8	88·0
12	86·9	86·4	86·4	86·1	86·5	86·9	87·4	87·7	87·8	88·0	88·3	88·5	88·9	88·8	88·9	87·9	87·9	87·6	87·5	87·2	87·4	87·5	87·4	87·4	87·5
13	86·8	87·3	87·1	87·1	87·0	86·9	86·9	87·1	87·4	87·6	88·5	88·6	88·8	89·4	88·8	88·6	88·9	88·7	87·5	87·1	86·8	86·8	86·8	87·0	87·7
14	87·1	87·8	88·0	88·2	88·4	87·5	87·4	87·1	87·5	87·7	88·2	88·8	87·2	88·1	88·0	87·5	87·9	87·3	86·9	86·4	85·6	85·6	85·5	86·0	87·3
15	84·4	85·5	85·7	85·3	85·4	84·4	85·6	86·6	86·5	87·9	87·9	87·6	87·9	87·1	87·7	86·5	87·3	86·4	86·1	85·6	85·2	85·3	85·3	84·6	86·2
16	85·4	85·1	85·4	85·2	85·3	85·2	85·5	86·1	86·9	87·3	87·6	87·7	87·9	88·5	87·9	88·7	87·2	86·5	86·2	85·7	85·0	85·0	84·1	84·6	86·3
17	85·0	86·3	86·5	86·6	86·6	86·6	85·9	86·2	86·5	87·2	86·5	86·4	87·1	85·7	85·6	87·7	87·0	86·5	86·5	86·3	86·0	85·4	85·6	85·6	86·3
18	85·6	85·3	85·3	85·1	85·4	84·9	85·5	86·4	86·5	87·6	87·6	88·0	88·4	88·4	88·5	88·0	86·9	86·8	85·5	85·4	84·9	84·7	85·4	85·4	86·3
19	85·4	85·1	85·0	85·1	84·0	84·7	84·3	85·1	85·5	86·2	87·8	85·2	86·8	86·9	86·6	85·9	85·5	84·5	85·3	85·5	85·6	85·6	85·5	85·4	**85·5**
20	85·6	85·5	85·6	85·4	85·4	84·6	85·5	85·9	86·6	86·8	87·1	87·6	87·9	88·0	88·0	87·9	87·9	87·2	86·8	86·4	86·4	86·1	85·6	85·9	86·5
21	86·0	85·6	85·4	85·7	86·0	85·7	85·7	86·2	86·6	87·0	86·8	86·6	87·5	87·9	87·2	87·4	87·5	87·4	86·1	85·5	85·6	85·6	85·4	85·8	86·4
22	85·8	86·0	86·2	85·8	86·1	85·9	86·5	86·9	85·5	86·0	86·6	86·7	87·0	86·5	86·6	87·0	86·5	86·4	86·0	85·4	85·3	85·2	85·5	85·3	86·1
23	85·4	85·5	85·8	85·8	85·9	86·2	86·5	86·7	87·3	88·0	88·4	88·4	88·5	88·4	88·2	87·7	87·6	87·4	87·0	86·6	86·1	86·1	86·1	85·9	86·9
24	85·8	85·9	86·3	85·8	86·2	85·4	85·6	86·3	86·4	86·3	86·8	87·2	87·6	87·4	87·4	87·2	87·4	87·1	86·5	86·5	86·2	85·6	85·6	85·6	86·4
25	85·9	86·3	86·3	85·8	86·3	86·7	86·8	86·9	86·9	86·3	87·7	87·9	88·4	88·4	88·4	88·4	88·3	87·8	87·0	85·6	85·7	84·5	84·5	84·6	86·7
26	84·5	84·5	84·4	84·5	85·6	85·9	85·9	86·5	86·8	86·8	86·9	87·6	87·8	87·2	87·7	86·9	86·6	86·9	86·5	86·3	85·8	85·9	86·4	86·6	86·2
27	85·6	86·1	86·3	86·2	86·3	86·3	86·4	86·3	86·7	86·9	87·4	87·9	88·1	88·1	88·1	88·1	87·6	87·5	87·4	87·5	87·0	87·4	87·8	87·8	87·1
28	87·8	87·7	87·8	87·8	87·6	87·4	87·4	87·5	87·5	87·4	87·7	88·0	89·0	88·2	87·8	87·4	87·9	87·3	86·8	86·4	86·5	86·3	85·8	86·1	87·4
29	85·7	85·8	86·3	86·0	86·2	86·3	86·8	87·4	87·9	87·9	87·7	88·1	88·4	88·0	88·0	88·0	87·9	87·8	87·8	87·6	87·7	87·8	87·7	87·7	87·3
30	87·6	87·6	87·5	87·5	87·4	87·3	87·3	87·7	88·4	88·6	88·7	88·8	88·5	89·2	88·8	89·4	88·8	88·9	88·4	88·3	88·3	88·3	88·4	88·3	88·2
31	88·1	88·0	87·9	87·5	86·9	86·9	86·8	87·2	87·1	88·2	88·7	89·1	89·3	89·1	89·1	88·2	88·7	88·1	87·6	87·0	86·9	86·7	86·7	86·7	87·8
Mean ...	86·1	86·1	86·1	**86·1**	86·2	86·1	86·4	86·9	87·3	87·6	88·0	88·2	88·5	**88·5**	88·4	88·3	88·2	87·8	87·3	86·8	86·5	86·3	86·2	86·2	87·1
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

308. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

September, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	86·6	86·5	86·5	86·1	86·3	86·4	86·5	87·0	87·6	88·3	89·0	89·3	89·5	89·9	90·0	90·4	89·8	89·2	88·6	88·3	87·8	87·7	87·7	87·7	88·0
2	87·7	87·8	87·9	87·9	87·9	88·1	88·3	88·6	88·7	89·1	89·7	90·4	91·5	92·0	91·6	90·6	90·1	89·5	89·4	88·8	88·5	88·4	88·4	88·4	89·1
3	88·4	88·3	88·3	87·8	87·8	87·6	88·0	88·7	90·0	89·4	91·0	90·0	90·1	90·5	91·8	91·6	91·3	90·6	89·1	88·6	88·7	88·2	87·1	86·6	89·2
4	86·5	85·5	84·5	86·1	84·4	83·9	83·6	85·1	87·6	89·1	89·4	89·1	89·1	87·9	88·9	88·5	88·2	88·2	87·7	87·5	87·2	87·3	87·3	86·9	87·1
5	86·9	87·2	87·0	87·1	87·2	87·3	87·4	87·7	88·1	87·7	88·2	88·5	88·7	88·7	88·5	88·5	88·4	88·2	87·9	87·9	87·7	87·9	87·8	87·5	87·8
6	87·9	88·3	88·3	88·4	88·2	88·3	88·1	87·7	87·8	88·1	88·1	89·6	89·4	89·5	88·7	88·6	89·1	88·9	88·7	88·7	89·0	89·3	89·4	89·5	88·6
7	89·4	89·5	89·7	89·8	88·9	88·9	89·4	89·5	89·9	89·9	90·2	89·5	88·5	90·1	90·9	91·0	90·9	90·9	90·3	89·9	89·2	89·1	89·4	88·4	**89·7**
8	88·6	88·1	87·6	88·2	87·6	87·2	87·4	87·5	87·7	88·4	88·1	87·7	88·5	88·5	88·6	88·5	88·1	87·8	87·3	86·6	86·6	86·5	86·4	85·8	87·7
9	85·6	84·9	85·5	85·6	85·2	85·5	85·2	85·5	86·2	85·1	86·1	85·6	86·2	85·9	85·7	85·6	85·3	84·7	84·1	84·2	84·0	84·1	83·9	83·5	85·2
10	83·8	84·1	84·3	84·1	83·5	83·1	83·2	84·1	85·0	85·6	85·4	85·8	85·8	86·1	86·5	86·7	86·7	86·6	86·5	86·4	86·2	86·6	86·6	86·7	85·3
11	86·5	86·5	86·5	86·1	85·7	85·9	86·0	86·1	86·1	86·5	87·1	87·6	87·5	87·4	87·4	87·2	86·9	86·7	86·5	86·6	86·7	86·7	86·7	86·4	86·6
12	86·1	85·8	85·8	86·0	86·2	86·4	86·2	86·6	85·9	85·8	86·5	87·0	87·6	87·9	87·6	88·0	87·6	87·2	86·7	86·1	85·9	85·5	84·7	84·2	86·4
13	83·9	84·0	84·4	84·5	84·6	84·1	84·4	85·4	86·0	86·8	87·6	88·3	87·3	88·7	87·5	87·3	86·7	86·4	85·8	85·1	84·8	84·8	84·5	83·7	85·7
14	82·6	82·2	82·7	83·2	82·6	83·4	82·8	85·3	86·4	87·1	88·0	87·9	87·9	88·0	88·2	87·6	87·2	87·2	86·5	86·4	86·0	85·6	86·1	86·3	85·6
15	86·6	86·6	86·6	86·6	86·7	86·6	86·6	86·3	86·9	87·1	86·0	86·2	86·5	87·3	88·0	88·1	87·9	87·7	87·3	87·3	86·8	86·8	86·6	86·4	86·9
16	85·4	85·5	85·1	85·5	85·5	86·1	86·3	87·2	87·6	87·9	88·3	88·5	88·6	88·5	88·1	88·0	88·1	88·4	88·3	88·2	88·2	88·1	87·8	87·8	87·3
17	87·9	88·0	88·1	88·1	88·3	87·5	87·2	87·5	87·6	88·1	87·6	88·4	88·1	88·1	88·0	87·6	87·2	86·4	86·4	86·5	86·5	86·4	86·4	86·2	87·5
18	86·2	86·0	85·9	85·6	85·6	85·4	85·6	85·9	86·5	87·1	87·4	87·5	87·7	87·6	87·4	87·2	86·8	86·3	85·3	84·3	83·5	82·7	82·4	82·7	85·8
19	82·6	82·5	83·1	84·1	84·7	84·6	84·8	85·4	86·0	85·8	84·9	84·7	84·7	84·0	83·5	83·6	84·2	84·1	84·3	84·5	84·5	84·5	84·4	84·4	84·3
20	84·4	83·8	83·4	83·3	84·2	84·4	84·4	84·7	84·7	85·5	85·2	86·1	85·9	86·1	87·0	86·5	85·4	85·1	84·9	84·9	84·8	84·8	84·7	84·6	84·9
21	84·4	84·3	84·1	84·1	83·5	83·1	83·1	83·8	84·4	84·9	85·3	86·2	86·4	85·9	85·6	84·3	83·4	83·0	82·7	82·3	81·2	80·4	81·4	81·4	83·8
22	81·2	81·4	81·5	81·3	81·3	80·6	80·8	81·6	83·5	83·9	84·1	83·9	82·5	82·6	82·3	82·8	84·1	84·4	84·1	83·4	83·6	83·5	82·0	82·3	**82·6**
23	83·0	83·0	83·0	83·6	83·3	82·7	83·0	83·4	83·9	84·4	83·6	85·4	85·5	85·6	85·5	85·5	85·5	84·9	84·5	84·2	84·4	84·1	84·0	84·0	84·1
24	84·1	83·7	83·4	83·2	82·5	82·6	82·5	82·3	82·1	82·6	83·0	83·3	83·5	83·6	84·0	84·6	83·7	83·7	83·1	83·0	82·8	82·9	82·7	82·7	83·2
25	82·8	82·8	83·3	83·3	83·4	83·3	83·3	83·4	83·5	83·7	84·2	85·0	85·4	86·0	85·7	85·7	85·5	85·5	85·5	85·3	85·3	85·3	84·9	84·5	84·4
26	84·0	84·3	84·6	84·8	84·7	84·6	84·6	84·9	84·9	85·6	86·0	86·2	86·2	86·3	86·4	85·7	85·4	85·2	84·2	84·0	83·9	83·4	83·1	82·5	84·9
27	82·4	81·7	81·2	81·8	81·7	81·6	79·1	79·6	82·3	84·0	85·1	85·6	85·8	85·8	85·7	85·6	84·9	83·9	82·4	81·3	81·2	82·0	82·6	83·2	82·9
28	83·4	83·6	83·6	84·0	84·5	84·5	84·6	85·1	85·5	86·5	86·4	85·5	85·3	85·3	85·2	85·5	85·5	85·5	85·6	85·8	85·9	86·0	86·2	86·3	85·2
29	86·1	85·8	85·7	85·8	85·7	85·5	84·9	84·9	85·0	85·3	85·5	85·5	85·6	85·9	86·9	85·8	85·9	85·7	85·7	85·5	85·0	84·3	83·7	83·9	85·5
30	84·1	83·7	83·6	82·8	83·2	83·4	83·3	82·8	83·0	83·6	83·6	83·6	84·1	83·8	84·5	84·4	84·0	83·5	83·3	83·2	83·1	82·8	81·4	81·1	83·4
Mean ...	85·3	85·2	85·2	85·3	85·2	85·1	**85·0**	85·5	86·0	86·4	86·7	86·9	87·0	87·1	**87·2**	87·0	86·8	86·5	86·1	85·8	85·6	85·5	85·3	85·2	86·0

309. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres. **October, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	80·6	81·8	82·6	83·2	83·5	83·9	84·3	84·8	85·2	85·5	86·1	86·8	87·1	87·3	87·0	86·7	86·7	85·9	85·6	85·5	85·5	85·5	85·5	85·5	85·0
2	85·8	85·5	85·4	85·4	85·5	83·6	83·5	83·6	83·8	84·5	84·7	84·9	85·3	84·6	84·7	83·5	82·5	82·1	81·7	81·4	81·9	82·1	81·1	81·4	83·8
3	81·5	81·8	80·6	81·5	81·7	81·7	81·9	82·4	83·2	83·7	84·0	84·4	84·4	84·5	84·4	84·3	83·9	83·5	83·3	83·1	83·0	82·9	83·0	81·5	82·9
4	81·6	80·4	79·7	78·4	78·1	78·4	77·4	77·5	79·4	80·9	82·5	83·7	83·7	84·5	84·7	84·0	83·3	82·6	82·5	82·8	82·5	82·5	82·4	82·6	**81·5**
5	82·6	82·6	82·5	82·5	82·8	83·1	83·1	83·3	83·4	83·6	83·9	83·7	84·1	84·0	84·0	83·7	83·6	82·9	83·0	82·7	82·9	82·4	82·9	82·7	83·2
6	82·6	82·5	82·6	82·5	82·5	82·9	83·6	84·5	85·0	84·5	84·5	85·1	84·9	85·0	84·4	84·0	83·7	83·0	83·1	83·2	83·2	83·0	83·3	83·4	83·6
7	83·2	83·2	83·0	82·8	82·7	82·8	81·6	82·9	82·9	83·4	84·1	84·3	83·8	84·4	84·2	84·0	83·6	82·5	81·7	81·3	81·4	80·6	79·9	79·4	82·7
8	79·5	79·3	79·6	80·9	80·6	80·6	81·7	82·7	83·2	84·0	85·4	86·3	85·8	85·8	85·9	85·6	84·9	84·5	84·1	82·8	81·7	81·7	81·3	81·5	82·8
9	82·9	83·5	84·2	84·4	84·7	85·1	85·5	85·8	86·2	86·5	86·7	86·9	86·6	87·3	87·9	86·9	86·5	86·2	86·2	86·2	86·3	85·9	85·8	85·2	85·7
10	85·3	84·5	84·4	83·9	83·1	82·9	82·5	82·8	83·4	83·8	84·5	84·8	84·9	85·5	85·6	85·5	84·7	84·5	83·6	83·9	83·0	83·5	83·5	83·8	84·1
11	83·2	83·8	84·0	83·5	83·3	83·2	83·5	84·3	84·6	85·7	85·8	85·8	85·5	85·8	85·1	84·8	84·7	84·5	84·0	83·1	82·5	82·4	82·4	82·3	84·1
12	82·9	82·4	82·0	81·7	81·8	80·9	81·8	81·4	82·8	84·3	84·6	85·4	85·6	85·6	85·0	83·9	84·7	85·5	85·7	85·3	85·8	86·2	85·9	86·4	86·5	84·0
13	86·5	86·2	86·2	87·1	87·9	87·6	87·9	87·8	88·4	88·5	88·7	88·5	89·1	89·1	89·4	89·6	89·0	88·8	88·8	88·4	88·4	88·6	87·9	88·5	88·2
14	87·9	87·0	87·1	87·1	87·6	87·4	87·4	87·4	88·0	89·2	90·5	91·1	91·4	91·6	91·8	92·0	81·7	91·3	90·9	90·6	90·3	90·2	90·1	89·6	**89·5**
15	88·5	88·9	88·6	88·6	88·8	88·9	89·1	88·2	89·1	90·1	90·9	90·7	91·1	91·0	90·7	89·7	89·2	87·8	86·5	85·9	85·7	85·4	84·9	85·1	88·6
16	84·9	84·9	84·7	84·7	84·7	84·8	84·8	84·9	85·1	85·3	85·4	85·5	85·5	86·3	86·0	85·8	85·6	85·4	84·9	84·5	84·3	83·7	83·8	83·0	85·0
17	81·3	81·1	80·9	81·3	81·4	81·6	81·1	81·9	82·5	83·9	84·8	85·6	86·4	86·3	85·4	85·3	84·9	84·3	84·0	83·9	84·3	83·9	83·9	84·4	83·5
18	84·4	84·4	84·1	84·2	84·6	84·9	84·9	85·0	85·0	85·1	85·2	85·3	85·3	85·2	85·3	85·4	85·4	85·5	85·6	85·6	86·0	85·8	85·8	85·7	85·1
19	85·4	85·4	85·5	85·3	85·1	84·7	84·5	84·3	84·4	84·8	85·4	85·5	85·7	85·7	85·8	85·3	84·8	84·7	84·6	84·5	84·4	84·3	84·1	84·3	85·0
20	83·8	83·9	83·6	83·5	83·5	83·2	83·1	83·2	83·7	84·6	84·9	85·2	85·3	85·6	85·7	85·5	85·5	85·1	84·8	84·9	84·7	84·8	84·8	84·9	84·5
21	84·4	84·2	84·6	85·2	85·3	85·3	84·9	85·0	85·1	85·5	85·9	85·7	86·3	86·4	85·9	85·9	85·4	85·4	85·1	85·1	84·7	84·5	84·4	84·2	85·2
22	84·0	83·9	83·4	82·9	82·8	82·7	81·5	81·7	81·5	82·4	84·0	84·7	85·1	85·3	85·1	84·9	84·2	83·9	83·5	83·6	83·8	84·1	84·3	84·4	83·7
23	84·3	84·3	84·4	84·4	84·3	84·4	84·7	84·7	84·9	84·9	84·9	84·9	84·8	84·9	84·8	84·7	84·4	84·4	84·4	84·5	84·4	84·5	84·4	84·5	84·6
24	84·7	84·6	84·3	84·2	84·4	84·6	84·8	84·7	84·8	84·8	85·1	85·0	85·1	85·1	84·9	85·0	84·9	84·4	84·1	84·1	84·0	84·0	84·0	84·0	84·6
25	84·0	83·7	83·6	83·3	83·1	82·9	82·6	82·6	82·8	82·7	82·7	82·6	82·4	82·7	83·0	83·2	83·6	84·4	84·4	84·2	83·6	83·5	82·4	81·9	83·2
26	81·3	80·6	81·1	81·2	81·4	82·0	81·9	82·4	82·0	83·6	85·0	86·4	86·1	85·5	85·6	85·5	85·0	84·6	84·6	84·6	84·4	84·0	84·6	84·4	83·6
27	84·3	84·4	84·8	84·6	84·8	85·1	84·8	84·6	84·6	84·3	85·6	86·1	86·1	86·0	86·0	85·7	85·5	84·6	85·4	85·6	85·7	85·6	85·6	85·5	85·1
28	85·8	85·9	85·9	85·6	85·4	85·5	85·5	85·6	85·8	86·0	86·4	86·9	87·1	87·2	87·0	86·9	86·6	86·6	86·7	86·6	86·6	86·8	87·1	87·3	86·3
29	86·7	86·8	86·9	86·9	86·5	86·9	86·8	86·7	86·9	86·7	86·6	86·8	87·1	87·1	86·5	86·0	85·3	85·0	84·9	84·4	84·6	84·5	84·6	85·4	86·1
30	85·5	85·1	84·5	84·3	84·4	84·7	84·1	84·5	85·0	85·4	85·7	85·6	86·2	85·9	85·9	85·6	85·4	84·9	85·2	85·2	85·1	85·4	83·6	84·2	85·1
31	83·3	83·3	83·9	84·4	84·7	84·7	84·7	84·6	84·8	85·2	85·4	84·5	84·4	84·9	84·9	84·9	84·5	84·2	84·4	84·2	83·8	83·5	83·5	83·5	84·4
Mean ...	84·0	83·9	**83·8**	83·9	83·9	83·9	83·9	84·1	84·4	85·0	85·4	85·7	85·9	**86·0**	85·9	85·6	85·3	84·9	84·7	84·6	84·5	84·4	84·2	84·2	84·7
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

310. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) - 1·3 metres.

November, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·0	82·7	82·8	82·7	83·8	83·9	83·9	84·6	85·8	86·2	87·0	87·1	87·2	86·1	86·1	85·8	85·6	85·2	85·1	84·3	84·5	84·9	84·8	84·6	84·9
2	84·4	84·7	84·5	84·8	84·9	84·5	84·3	84·5	84·5	84·5	85·0	84·9	84·6	84·9	84·3	84·1	83·3	83·0	82·4	82·1	80·6	80·5	80·5	80·7	83·7
3	80·0	79·5	79·1	79·2	79·3	79·3	79·4	79·8	80·1	81·3	81·3	81·9	81·9	82·3	82·0	81·6	80·5	79·5	79·4	79·4	79·4	78·7	79·7	78·7	80·2
4	78·6	78·1	77·9	77·2	77·1	76·0	75·2	75·3	75·4	77·1	78·6	80·1	81·1	80·9	81·7	81·4	80·2	79·9	78·4	77·4	77·3	77·7	78·3	77·5	**78·3**
5	77·4	77·3	77·4	78·3	78·7	79·1	78·7	79·1	79·5	80·3	81·5	82·4	83·1	83·6	83·8	83·8	83·3	83·3	82·8	83·4	83·5	83·1	83·0	82·9	81·1
6	82·9	82·6	82·5	82·6	82·4	82·4	82·3	82·3	82·3	82·7	83·3	83·0	82·8	83·3	82·9	82·5	81·8	81·2	80·3	80·4	80·5	80·8	81·2	80·0	82·1
7	79·4	78·8	78·8	78·5	78·0	79·1	80·7	81·5	80·9	81·9	82·4	82·7	83·1	83·3	83·1	82·7	81·9	82·1	81·5	81·6	82·2	82·5	82·3	82·5	81·3
8	82·6	82·7	82·6	82·5	82·5	82·6	82·9	83·0	83·0	83·4	83·4	83·7	83·9	83·6	83·5	83·6	83·7	83·6	83·7	83·8	83·9	84·1	83·6	84·0	83·3
9	84·6	84·9	85·3	85·0	85·3	85·4	85·3	85·4	85·9	85·9	85·7	86·2	86·0	86·2	86·0	86·2	86·3	85·4	84·9	84·2	84·1	83·1	83·0	83·2	**85·2**
10	83·2	83·3	83·7	83·8	83·7	83·2	83·8	83·7	84·2	84·7	84·7	84·7	85·1	84·9	84·6	84·0	84·0	84·0	84·2	84·3	84·9	84·0	84·0	83·9	84·1
11	83·9	84·0	83·9	83·0	82·9	82·2	82·8	82·3	82·1	82·8	84·0	84·2	84·2	84·4	83·4	83·1	82·6	82·4	82·0	82·0	81·7	81·7	81·3	80·2	82·9
12	80·8	81·0	81·0	80·5	79·7	77·5	75·9	76·2	76·0	77·8	79·5	81·0	81·6	82·1	81·9	81·1	80·3	79·8	79·5	79·9	80·0	80·1	80·2	80·3	79·7
13	80·3	80·6	80·9	80·9	81·0	81·1	81·2	81·5	81·9	82·3	82·6	82·9	83·0	82·7	82·2	82·3	82·3	82·4	82·7	82·5	82·7	82·9	83·1	83·2	82·0
14	83·0	83·2	82·9	83·2	83·3	83·4	83·4	82·7	82·9	82·6	82·4	83·1	83·5	83·9	84·0	83·8	83·3	83·0	83·0	82·8	82·1	81·5	81·0	80·9	82·9
15	80·9	82·3	81·7	82·5	82·7	82·8	82·7	83·0	83·1	83·2	83·4	83·4	83·3	83·4	83·2	82·9	81·8	80·8	80·1	79·3	79·7	79·6	80·1	80·1	81·9
16	80·6	80·3	80·3	80·3	80·7	81·0	80·9	80·8	80·0	80·5	81·4	82·1	82·6	83·4	83·3	82·6	82·5	82·4	81·8	81·3	81·2	81·6	80·6	81·2	81·4
17	80·4	81·3	81·8	81·4	82·1	81·8	81·7	81·5	82·0	82·4	82·7	82·9	83·0	83·1	83·0	82·4	82·0	81·9	81·8	81·9	81·9	81·8	81·7	81·8	82·0
18	81·9	81·5	81·7	81·8	81·5	81·4	81·3	81·2	81·4	81·7	82·3	83·0	83·6	83·7	83·9	83·7	83·3	82·6	82·5	82·4	82·3	82·1	82·2	82·0	82·3
19	82·0	82·0	82·0	81·9	82·0	81·9	82·1	82·1	82·1	82·5	83·0	83·7	84·0	84·1	83·9	83·5	83·4	83·2	82·9	82·3	82·1	82·0	81·7	81·7	82·6
20	81·8	81·9	82·0	81·9	81·7	81·5	81·5	81·9	82·1	82·5	83·0	83·3	83·4	83·5	83·4	83·2	83·0	82·9	82·9	82·9	82·9	83·1	83·0	83·1	82·6
21	83·2	83·3	83·4	83·6	83·7	83·7	83·6	83·4	83·3	83·4	83·4	83·6	83·6	83·9	83·5	83·7	83·9	83·9	83·6	83·9	84·2	84·2	84·0	83·9	83·6
22	84·1	84·3	84·2	84·4	83·9	83·9	84·0	84·1	84·0	83·9	84·1	84·2	84·2	84·2	84·2	84·3	84·5	84·7	84·9	85·0	85·1	85·2	85·3	85·2	84·4
23	85·1	85·0	85·0	85·1	85·1	85·1	85·2	85·2	85·1	85·1	85·0	85·0	84·7	84·4	84·3	84·1	83·9	83·9	83·8	83·8	83·6	83·1	83·0	83·2	84·5
24	83·4	82·9	82·8	83·2	83·5	83·5	83·9	83·9	83·1	83·2	83·8	83·7	84·2	84·0	83·2	83·5	83·0	83·1	83·4	83·8	83·7	83·8	83·8	82·8	83·5
25	82·6	82·5	82·9	82·9	83·0	82·3	82·1	82·2	82·4	82·5	82·4	82·4	82·2	82·4	82·8	82·9	82·5	82·4	82·5	82·3	82·3	82·2	81·4	81·4	82·4
26	81·0	80·7	80·6	79·9	78·7	79·3	79·7	79·7	79·0	79·6	80·1	80·7	81·2	81·1	81·2	81·1	81·0	81·0	80·7	80·8	81·4	81·5	81·6	81·1	80·5
27	81·0	81·0	80·7	80·2	80·1	80·4	80·2	80·9	80·5	80·5	80·9	81·0	80·2	80·2	79·7	79·3	77·4	78·1	77·6	78·2	77·8	77·4	77·2	76·6	79·6
28	75·6	78·0	77·4	78·8	79·2	80·2	80·4	80·5	80·9	81·5	81·7	81·9	82·3	82·4	82·9	83·4	82·6	81·9	81·9	81·4	81·4	80·9	80·6	81·2	80·7
29	80·3	80·4	80·8	81·4	80·8	81·6	82·0	82·2	82·5	82·9	83·4	83·5	83·6	83·8	83·5	83·5	83·5	82·5	81·6	82·3	82·3	82·6	82·8	83·0	82·3
30	83·2	83·1	82·8	83·1	82·9	82·7	82·5	82·4	82·2	82·6	83·6	84·0	83·7	83·6	83·5	82·5	82·3	81·8	82·5	82·5	82·9	82·8	82·7	82·8	82·9
Mean ...	**81·7**	81·8	81·8	81·8	81·8	81·8	81·8	81·9	81·9	82·4	82·9	83·2	83·4	**83·4**	83·3	83·1	82·7	82·4	82·1	82·1	82·1	82·0	81·9	81·8	82·3

311. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

December, 1924.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	82·9	83·2	83·1	82·6	83·1	83·2	83·4	83·5	83·2	83·4	83·8	83·9	83·7	83·9	83·4	82·4	82·0	82·0	81·7	81·6	81·4	81·4	81·0	81·0	82·7
2	80·8	80·5	81·0	80·4	80·5	80·7	79·8	79·4	78·8	79·3	80·6	81·4	82·0	82·3	82·3	82·3	81·8	81·3	80·7	80·5	80·3	80·3	80·2	79·4	80·7
3	79·5	79·9	79·5	79·6	78·9	78·6	77·9	77·6	77·2	77·5	78·9	80·5	81·4	81·6	81·6	81·3	81·4	81·4	81·7	81·9	82·0	82·3	82·5	82·3	80·2
4	82·3	82·4	82·7	83·5	84·4	85·2	85·6	85·6	85·8	85·5	85·4	84·7	84·8	84·7	84·2	83·4	82·9	82·4	82·0	81·9	81·0	80·7	81·5	82·4	83·5
5	83·4	83·1	82·4	82·7	83·3	83·5	83·2	83·5	83·5	83·4	83·8	84·3	84·1	84·2	83·9	81·5	82·9	82·7	82·2	81·9	81·7	81·5	82·2	82·4	83·0
6	82·7	81·9	82·3	82·4	82·2	81·7	81·3	81·2	81·4	82·3	83·6	84·4	84·5	84·9	84·7	84·6	84·5	84·3	84·2	83·9	83·5	83·4	83·7	83·8	83·2
7	83·9	83·8	84·0	84·0	84·0	84·1	83·8	83·9	84·0	84·1	84·1	84·5	84·6	84·9	84·7	84·6	84·6	84·4	83·6	83·4	83·3	83·1	82·8	82·1	84·0
8	81·0	79·5	78·6	77·8	77·3	77·4	76·5	76·4	76·4	76·8	78·4	79·5	80·3	80·9	81·4	81·0	81·2	80·9	80·4	79·6	78·8	78·2	79·2	78·1	79·1
9	78·5	78·6	79·3	79·7	80·0	79·9	80·7	80·0	80·9	81·5	82·7	83·2	83·3	83·3	83·3	83·1	83·0	83·0	83·0	82·8	82·7	82·6	82·4	82·4	81·6
10	82·4	82·2	82·2	82·3	82·3	82·3	82·3	82·3	82·3	82·5	83·0	83·5	83·6	83·9	83·7	83·5	83·2	82·6	82·6	82·8	82·8	82·9	82·8	82·8	82·8
11	82·8	82·6	82·6	82·8	82·9	83·0	83·1	83·0	82·7	83·3	83·4	83·8	83·9	84·0	83·9	83·7	83·6	83·6	83·8	84·0	84·0	84·1	84·2	84·3	83·4
12	84·4	84·4	84·5	84·5	84·6	84·5	84·5	84·5	84·4	84·6	84·9	85·0	84·8	84·8	84·8	84·7	84·7	84·6	84·5	84·5	84·5	84·5	84·5	84·5	**84·6**
13	84·4	84·4	84·4	84·4	84·6	82·9	82·8	82·3	82·3	82·3	82·3	81·3	82·1	82·2	81·9	81·9	81·1	81·4	80·2	81·3	80·5	80·9	81·4	81·4	82·3
14	81·5	81·4	81·5	80·9	81·4	81·6	81·7	81·7	81·4	81·9	81·9	82·5	81·8	81·9	81·4	80·8	79·8	79·7	80·1	80·7	81·5	80·8	80·6	81·0	81·2
15	81·5	82·4	83·8	83·6	83·5	83·1	82·7	81·7	82·5	81·8	82·5	82·2	83·1	83·1	82·9	82·5	82·5	82·5	82·6	82·7	82·5	82·5	82·5	83·1	82·6
16	82·8	82·6	82·5	82·5	83·2	82·9	82·9	82·8	82·5	82·3	82·5	82·9	83·1	82·9	82·8	82·2	82·0	81·6	81·6	82·1	82·3	82·4	82·5	82·7	82·5
17	83·5	83·8	84·1	84·4	84·2	84·4	84·3	84·4	84·5	84·6	84·7	84·7	84·9	84·9	84·7	84·6	84·4	84·4	84·3	84·3	84·2	84·3	84·4	84·4	84·4
18	84·4	84·3	84·3	84·4	84·5	84·4	84·4	84·5	84·5	84·6	84·6	84·9	84·6	85·2	84·6	84·3	83·9	83·6	83·2	83·2	83·3	83·3	83·2	83·3	84·2
19	83·5	84·0	84·1	84·2	84·1	83·8	83·8	83·8	83·8	84·0	84·6	84·7	84·8	84·6	84·5	84·4	84·1	83·7	84·1	83·5	83·2	83·7	83·8	83·8	84·0
20	83·9	84·0	84·3	84·5	84·3	84·3	84·3	84·4	84·5	84·5	84·3	84·2	84·1	84·0	83·9	83·9	83·3	82·8	83·3	83·4	83·5	83·5	83·4	83·4	83·9
21	83·3	83·2	83·1	82·9	83·2	83·3	83·2	83·1	83·3	83·7	83·3	83·2	83·2	82·9	82·8	82·8	83·1	83·2	83·3	83·3	83·3	83·3	83·9	84·2	83·2
22	84·3	84·5	84·6	84·2	84·1	83·9	84·2	83·8	84·0	84·0	84·2	83·5	84·1	84·5	83·7	83·4	83·0	83·1	83·5	84·0	84·2	84·4	85·2	85·4	84·1
23	85·5	85·5	85·4	83·8	83·7	83·8	81·6	82·0	82·1	82·4	82·9	82·5	82·4	81·8	82·1	81·9	81·8	81·8	81·7	81·6	81·2	81·5	80·3	80·2	82·6
24	79·5	79·4	79·3	79·6	80·6	80·5	80·4	80·6	80·5	80·3	80·4	80·6	81·5	81·6	81·7	81·6	81·6	81·6	81·5	81·8	81·2	80·5	80·6	79·7	80·7
25	78·6	78·3	78·3	78·6	79·7	78·1	78·5	78·0	78·8	79·3	79·5	80·0	78·7	79·2	79·3	78·5	78·7	79·1	79·4	80·3	79·8	79·1	78·7	78·6	79·0
26	79·2	79·1	78·8	79·1	79·5	80·1	80·3	80·4	80·4	80·2	80·5	81·1	80·9	81·1	81·2	81·3	80·5	80·6	81·3	81·8	82·3	83·1	83·8	84·3	80·8
27	84·7	84·9	85·0	84·7	83·6	83·1	82·6	82·6	82·0	82·0	80·1	80·3	80·1	79·9	80·0	78·4	78·0	77·2	77·6	76·8	77·9	78·3	76·8	77·4	80·7
28	78·0	77·0	78·1	77·0	76·3	78·6	78·1	76·6	77·9	78·3	78·6	78·5	78·8	78·7	79·7	79·8	79·0	78·4	78·0	79·4	79·0	79·2	79·0	79·7	78·4
29	79·4	79·6	80·0	79·3	79·7	79·6	80·6	81·0	81·8	82·1	82·4	82·8	82·9	83·2	83·2	82·9	82·8	82·9	83·1	83·4	83·5	81·5	81·3	81·1	81·6
30	80·9	80·7	80·5	80·4	79·9	80·3	80·8	80·7	80·0	78·6	79·0	79·3	79·2	79·6	79·5	78·2	78·1	76·7	78·4	78·9	78·9	79·2	78·1	79·1	79·4
31	78·2	79·2	78·6	75·9	77·0	77·7	76·3	77·3	75·7	76·4	77·0	76·9	77·8	77·8	78·6	77·3	78·1	77·1	78·4	77·3	77·9	79·4	78·6	78·7	**77·6**
Mean ...	82·0	81·9	82·0	81·8	82·0	82·0	81·8	**81·7**	81·7	81·9	82·2	82·4	82·6	**82·7**	82·6	82·2	82·0	81·8	81·8	81·9	81·8	81·8	81·8	81·8	82·0
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute if written 75·0.

TEMPERATURE: ANNUAL MEANS OF HOURLY VALUES.

From readings in degrees absolute at exact hours, Greenwich Mean Time.

312. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres. **1924.**

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
82·66	82·57	82·52	82·49	**82·48**	82·53	82·64	82·99	83·35	83·76	84·13	84·46	84·67	**84·78**	84·77	84·63	84·40	84·00	83·65	83·37	83·18	83·02	82·86	82·75	83·44

TEMPERATURE: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

313. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres. **1924**

Month	Mean.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
Jan.	280·87	−0·35	−0·35	−0·34	−0·33	−0·39	−0·43	−0·47	**−0·53**	−0·46	−0·21	+0·11	+0·45	+0·75	+0·83	**+0·95**	+0·71	+0·48	+0·30	+0·04	−0·01	−0·10	−0·18	−0·18	−0·29
Feb.	**279·43**	−0·72	−0·78	−0·93	−1·05	−1·14	−1·16	**−1·19**	−1·08	−0·75	−0·15	+0·44	+0·97	+1·22	+1·38	**+1·45**	+1·37	+1·13	+0·71	+0·48	+0·42	+0·14	−0·10	−0·23	−0·43
Mar.	280·26	−0·83	−1·11	−1·18	−1·19	−1·25	−1·26	**−1·38**	−1·22	−0·61	+0·12	+0·85	+1·34	+1·58	**+1·63**	+1·60	+1·56	+1·36	+0·97	+0·47	+0·12	0·00	−0·27	−0·59	−0·72
Apr.	281·23	−1·24	−1·40	−1·62	−1·73	−1·72	**−1·84**	−1·63	−0·68	−0·04	+0·67	+1·28	+1·67	+1·87	+2·08	**+2·12**	+1·84	+1·58	+1·06	+0·55	−0·10	−0·33	−0·52	−0·79	−1·06
May	284·22	−1·32	−1·37	−1·45	−1·52	**−1·56**	−1·34	−0·72	+0·18	+0·72	+0·94	+1·08	+1·49	+1·62	**+1·69**	+1·48	+1·59	+1·49	+0·78	+0·25	−0·32	−0·64	−0·88	−1·05	−1·15
June	286·16	−1·16	−1·25	−1·27	**−1·34**	−1·32	−1·01	−0·45	−0·06	+0·38	+0·68	+0·75	+0·90	+1·23	+1·32	+1·45	**+1·54**	+1·24	+0·86	+0·39	−0·03	−0·34	−0·58	−0·89	−1·06
July	**287·13**	−0·95	−1·01	−1·08	**−1·15**	−1·07	−0·87	−0·51	−0·07	+0·27	+0·39	+0·61	+0·96	+1·13	+1·33	**+1·35**	+1·30	+1·20	+0·75	+0·32	−0·16	−0·53	−0·65	−0·73	−0·81
Aug.	287·08	−1·01	−1·00	−0·96	**−1·03**	−0·93	−1·00	−0·67	−0·18	+0·23	+0·57	+0·95	+1·08	+1·37	**+1·41**	+1·31	+1·26	+1·10	+0·69	+0·21	−0·26	−0·59	−0·78	−0·87	−0·90
Sept.	285·96	−0·74	−0·86	−0·85	−0·73	−0·85	−0·92	**−0·98**	−0·54	−0·02	+0·44	+0·72	+0·98	+1·03	+1·17	**+1·25**	+1·11	+0·87	+0·60	+0·19	−0·07	−0·25	−0·36	−0·53	−0·68
Oct.	284·67	−0·67	−0·77	**−0·81**	−0·79	−0·74	−0·74	−0·79	−0·59	−0·22	+0·30	+0·78	+1·08	+1·21	**+1·31**	+1·18	+0·95	+0·63	+0·26	+0·05	−0·11	−0·21	−0·33	−0·47	−0·49
Nov.	282·29	**−0·59**	−0·50	−0·52	−0·48	−0·49	−0·54	−0·51	−0·40	−0·35	+0·09	+0·56	+0·92	+1·07	**+1·16**	+1·01	+0·80	+0·37	+0·11	−0·14	−0·21	−0·21	−0·30	−0·36	−0·49
Dec.	282·00	−0·07	−0·11	−0·02	−0·22	−0·09	−0·08	−0·24	**−0·33**	−0·31	−0·16	+0·18	+0·41	+0·55	**+0·67**	+0·61	+0·17	+0·01	−0·21	−0·16	−0·07	−0·14	−0·15	−0·17	−0·10
Year	283·44	−0·80	−0·88	−0·92	**−0·96**	−0·96	−0·93	−0·79	−0·46	−0·10	+0·31	+0·69	+1·02	+1·22	**+1·33**	+1·31	+1·18	+0·95	+0·57	+0·22	−0·07	−0·27	−0·43	−0·57	−0·68

ABSOLUTE EXTREMES OF TEMPERATURE FOR EACH DAY.

Maximum and minimum for the interval 0 h. to 24 h., Greenwich Mean Time.

314. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres. **1924.**

Month	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	83·5	81·4	81·5	77·1	77·6	71·3	83·4	73·5	86·7	82·1	87·1	83·7	87·9	**80·4**	90·0	86·4	90·5	86·0	87·5	80·4	**87·5**	82·6	84·1	80·9
2	83·6	80·2	**82·7**	80·2	77·4	**70·6**	82·6	**73·1**	86·1	81·7	89·0	83·4	88·9	84·5	90·0	85·5	**92·1**	87·7	85·8	80·4	85·2	80·5	82·4	78·8
3	83·3	80·0	81·3	79·8	79·0	74·2	80·6	74·4	83·6	79·6	89·6	85·4	87·1	82·4	89·1	85·3	92·0	86·4	84·7	80·6	82·4	78·4	82·6	77·2
4	84·0	81·6	82·6	79·1	79·6	72·4	80·7	73·4	84·0	**75·5**	88·4	84·9	87·9	82·3	89·9	87·2	89·6	83·4	84·8	**77·3**	81·8	**74·4**	**85·9**	80·7
5	82·4	81·7	82·1	80·0	79·7	74·8	84·1	77·4	84·3	78·5	88·3	85·0	88·5	83·4	89·6	85·7	88·9	86·9	84·6	82·1	83·9	76·9	84·3	81·5
6	83·2	81·8	82·0	79·9	79·1	70·8	83·4	79·4	84·0	80·0	**90·4**	85·1	89·3	83·1	89·1	85·5	89·6	87·5	85·4	82·4	83·4	79·6	85·1	80·7
7	82·1	75·8	80·9	78·7	81·5	78·1	85·0	76·5	82·8	79·4	89·4	85·4	89·4	86·3	89·6	82·8	91·3	88·4	84·5	79·4	83·3	77·7	85·0	82·1
8	82·9	80·2	82·1	78·8	82·6	79·8	81·7	75·6	84·6	79·6	89·0	84·5	89·9	85·8	90·8	**80·6**	88·7	85·7	86·4	79·0	84·3	82·4	81·5	76·3
9	80·4	76·4	82·0	78·0	83·3	81·1	81·1	74·8	85·2	81·1	88·3	83·7	**91·0**	86·6	90·2	81·9	86·3	83·5	88·0	81·5	86·5	83·0	83·4	78·1
10	80·4	74·9	82·5	78·9	83·5	78·8	79·9	74·9	86·6	81·4	88·5	83·9	88·7	87·4	**91·5**	85·6	86·9	83·1	85·6	82·4	85·2	83·1	84·0	82·1
11	82·3	**74·4**	81·5	75·8	84·6	81·8	82·0	77·2	86·4	80·2	87·2	84·1	88·6	87·4	89·8	86·5	87·7	85·7	86·0	82·0	84·6	80·2	84·3	82·4
12	80·1	74·7	81·5	78·9	85·0	83·3	80·5	75·3	86·5	78·8	86·0	84·4	90·4	86·7	89·1	86·0	88·2	84·2	86·6	80·7	82·2	75·5	85·1	84·3
13	78·9	74·6	80·6	77·3	86·0	82·7	82·5	76·5	86·9	81·4	88·9	81·8	90·0	85·4	89·4	86·4	88·9	83·7	89·6	86·1	83·5	80·2	84·6	80·1
14	82·0	77·1	79·2	73·7	86·1	81·3	81·3	74·1	86·7	81·4	87·5	81·1	90·0	86·4	88·8	85·4	88·4	82·2	**92·0**	87·0	84·1	80·8	82·6	79·7
15	82·6	80·5	80·7	76·3	85·3	76·3	82·7	72·3	85·7	81·3	88·9	85·1	90·0	87·1	88·5	84·4	88·3	85·7	91·1	84·8	83·8	79·0	83·9	81·0
16	83·4	81·4	79·6	74·3	84·0	73·8	81·7	75·5	86·6	80·8	88·0	84·9	89·3	85·7	88·7	84·0	88·6	85·1	86·5	82·7	83·5	80·0	83·4	81·5
17	83·1	81·5	80·6	72·2	81·8	76·5	85·0	78·7	87·1	81·4	89·6	82·4	88·9	85·4	87·9	84·6	88·5	86·2	86·5	80·6	83·3	80·4	85·0	82·7
18	84·1	80·3	81·9	77·1	80·1	76·4	85·1	81·9	88·6	82·7	89·7	84·2	88·9	85·5	88·6	84·4	88·0	82·3	86·0	84·0	84·0	81·2	85·2	83·0
19	82·5	78·8	79·5	75·4	81·5	75·4	87·6	81·5	87·8	84·1	87·6	82·4	89·1	85·3	87·8	83·8	86·2	82·4	86·0	84·0	84·1	81·7	84·9	83·0
20	82·8	80·1	81·7	77·5	83·3	77·4	88·1	82·6	88·0	84·3	86·9	82·1	90·1	84·9	88·5	84·4	87·3	83·3	85·9	83·0	83·6	81·4	84·6	82·7
21	**85·8**	81·4	82·5	79·9	84·5	80·6	**88·9**	79·8	88·9	84·5	88·2	**80·9**	88·6	84·6	88·1	85·3	86·5	80·4	86·4	84·0	84·4	83·0	84·2	82·7
22	81·4	76·2	82·1	76·6	85·2	82·3	88·7	82·3	87·4	83·8	88·6	85·0	89·6	83·9	87·3	85·0	84·6	80·3	85·3	81·1	85·3	83·8	85·4	82·8
23	82·7	76·0	79·4	72·5	84·5	82·4	85·2	82·1	86·0	82·4	89·3	85·5	89·1	85·6	88·9	85·1	85·8	82·3	85·1	84·0	85·3	82·8	85·6	80·2
24	82·8	78·3	82·3	**72·1**	85·4	81·3	86·3	83·3	86·3	82·3	88·6	86·7	89·0	85·3	87·7	85·3	84·6	82·0	85·2	83·9	84·3	82·6	81·9	79·1
25	83·4	79·0	81·3	77·4	**86·6**	81·8	86·6	83·1	86·3	83·0	88·2	86·3	88·4	86·5	86·5	84·4	86·0	82·5	84·4	81·9	83·0	81·2	80·3	77·8
26	83·9	80·0	80·2	74·1	86·0	82·9	86·0	80·1	86·8	82·9	87·2	85·6	89·9	86·4	88·0	84·3	86·6	82·4	86·5	80·4	81·6	78·3	84·3	78·6
27	81·6	78·4	82·2	77·6	83·7	80·6	83·6	79·4	87·1	84·8	87·9	84·2	89·1	86·1	88·4	85·6	86·0	**79·0**	86·1	84·2	81·3	76·6	85·1	76·7
28	81·2	75·8	80·2	76·5	80·7	75·8	85·5	82·1	91·3	84·3	88·5	84·0	90·5	86·0	89·0	85·7	86·6	83·2	87·4	85·4	83·5	75·6	79·8	76·1
29	81·3	79·9	82·1	76·3	79·5	75·2	87·0	81·7	89·7	85·6	88·4	84·5	89·9	85·8	88·5	85·6	87·1	83·5	87·4	84·4	84·0	80·1	83·5	79·3
30	82·4	80·4	—	—	80·0	75·2	85·9	82·8	89·5	84·7	88·8	81·2	90·3	86·4	89·5	87·2	84·6	81·0	86·2	83·6	84·1	81·5	81·1	76·5
31	81·9	78·8	—	—	82·1	71·9	—	—	**91·5**	85·1	—	—	89·1	86·6	89·5	86·4	—	—	85·4	82·9	—	—	79·5	**75·3**
Mean	82·5	78·8	81·3	77·0	82·5	77·6	84·1	78·2	86·7	81·9	88·4	84·1	89·3	85·3	89·0	85·0	87·8	83·9	86·4	82·5	83·9	80·1	83·6	80·1

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

315. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

January, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	96	96	97	97	96	95	95	95	95	96	92	91	89	92	95	95	92	92	89	92	93	93	93	93	93·8	11·3
2	96	95	95	96	93	95	95	95	92	87	89	87	85	82	79	81	79	78	77	75	75	76	75	73	85·8	9·7
3	80	81	80	80	81	84	86	89	92	92	92	95	95	92	92	91	92	92	92	91	92	92	91	91	88·6	10·0
4	92	93	92	93	93	93	92	93	93	92	91	92	91	91	89	93	91	91	93	95	96	96	96	96	92·7	11·2
5	97	96	96	96	95	95	93	95	93	95	95	95	97	97	96	95	95	95	95	95	95	93	95	93	**95·1**	10·9
6	93	96	93	93	88	91	92	92	85	88	88	88	83	85	81	83	86	87	91	88	85	79	82	79	87·6	10·3
7	82	78	85	82	87	87	91	88	89	89	89	89	82	74	75	76	75	70	69	72	68	71	72	72	79·8	7·5
8	72	64	76	79	80	83	83	85	83	79	75	73	78	77	77	75	72	73	85	87	87	89	87	85	79·1	8·7
9	83	86	87	88	89	89	88	89	89	89	89	89	88	87	87	87	84	89	90	87	87	83	69	72	86·3	7·1
10	66	65	66	68	67	68	63	73	79	82	82	83	85	81	69	66	67	70	83	83	76	87	88	91	**74·9**	**6·3**
11	89	91	69	69	73	85	87	87	83	80	83	85	87	87	91	92	91	88	87	87	78	76	75	74	83·4	7·5
12	80	77	79	70	67	67	65	73	72	70	77	76	78	73	75	75	82	85	88	87	85	88	88	88	77·4	6·7
13	88	88	85	87	87	87	87	83	81	81	81	83	83	85	85	88	88	89	89	89	85	85	82	85	85·5	6·8
14	81	83	79	85	89	83	83	85	83	78	81	87	85	83	84	86	87	87	91	89	89	87	88	85	84·9	8·8
15	85	83	85	85	87	91	95	93	92	91	92	89	89	85	85	83	83	85	83	83	82	82	82	81	86·4	9·6
16	79	81	82	82	83	84	83	83	83	82	81	79	80	79	78	79	79	77	81	78	77	76	80	81	80·3	9·4
17	82	83	85	84	85	84	82	84	84	85	88	89	91	91	91	91	91	85	87	93	96	95	95	93	87·8	10·2
18	93	93	92	92	93	92	92	91	90	87	83	81	82	79	83	86	85	84	82	81	82	78	78	84	86·1	10·4
19	84	85	83	85	80	80	82	87	85	81	82	83	85	89	83	83	84	87	89	87	87	89	89	88	84·8	9·2
20	89	88	92	89	89	89	89	85	86	86	86	84	83	83	87	85	85	84	84	89	89	91	93	96	87·4	9·7
21	96	96	95	95	95	95	95	96	96	96	96	92	91	87	78	82	84	91	93	96	99	95	93	93	92·8	**12·1**
22	95	95	96	96	93	95	95	94	97	94	92	89	87	86	86	84	83	87	91	91	91	92	91	91	91·3	9·1
23	91	91	90	90	90	89	88	86	86	83	83	81	81	81	83	85	84	91	93	95	96	95	92	91	88·1	8·9
24	92	89	89	85	86	85	85	85	81	83	79	81	81	81	81	89	91	85	91	93	94	91	86	90	86·4	9·1
25	89	87	87	89	87	89	89	88	88	88	87	87	86	87	87	86	85	85	84	81	81	82	84	84	86·3	9·6
26	84	84	84	85	87	87	87	88	88	87	85	81	79	81	77	78	82	83	89	89	89	85	80	81	84·3	9·9
27	72	67	62	67	65	67	72	79	76	74	70	71	71	75	71	70	77	82	85	87	86	86	89	87	75·2	7·5
28	88	91	91	89	91	91	89	89	89	89	86	83	78	80	83	85	91	93	95	97	97	97	97	99	89·7	8·4
29	95	95	95	96	97	97	94	94	94	95	95	92	91	86	84	85	84	82	83	85	85	85	85	86	90·3	9·3
30	89	87	83	84	87	89	91	93	93	91	91	92	88	89	91	88	89	91	93	93	93	93	92	89	89·9	9·8
31	89	88	89	87	87	87	88	92	92	95	89	85	85	87	79	72	75	76	77	77	77	76	77	77	83·7	8·7
Mean ...	86·7	86·2	85·8	85·9	86·0	86·9	87·0	**88·0**	87·4	86·6	86·1	85·5	85·0	84·3	**83·3**	83·7	84·3	85·0	87·1	87·5	86·8	86·5	86·0	86·1	86·0	†9·2
Vapour Pressure* ...	mb. 9·1	mb. 9·0	mb. 9·0	mb. 9·0	mb. **8·9**	mb. 9·0	mb. **8·9**	mb. 9·0	mb. **8·9**	mb. 9·1	mb. 9·2	mb. 9·3	mb. **9·5**	mb. 9·3	mb. 9·4	mb. 9·3	mb. 9·1	mb. 9·2	mb. 9·2	mb. 9·2	mb. 9·1	mb. 9·1	mb. 9·0	mb. **8·9**	mb. ‡9·1	

316. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

February, 1924.

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	85	87	81	83	79	82	89	82	87	86	80	75	68	70	73	80	76	80	84	87	86	87	87	84	81·4	8·0
2	79	75	72	72	73	84	90	87	86	82	81	74	79	81	81	79	79	86	84	87	84	80	72	79	80·4	8·3
3	84	80	72	84	80	87	80	86	86	83	87	86	83	80	79	72	71	72	81	85	86	87	87	85	81·7	8·5
4	90	91	91	89	89	93	85	77	73	66	71	71	77	83	83	84	83	84	80	77	83	83	87	85	82·3	8·8
5	90	76	84	76	76	77	73	76	77	76	83	82	81	79	75	74	76	75	74	75	75	74	75	73	77·4	8·4
6	71	70	71	73	73	72	71	83	87	75	69	82	85	86	81	84	81	86	86	86	89	87	82	81	79·5	8·6
7	82	82	90	91	91	93	89	90	89	87	87	83	82	82	83	86	81	80	89	85	81	85	76	75	85·1	8·4
8	78	77	80	76	80	85	86	91	92	92	93	92	92	92	88	85	89	91	93	95	95	91	93	94	87·9	**9·3**
9	91	89	87	86	89	93	93	86	81	82	86	78	79	77	75	85	83	82	79	77	81	86	84	89	84·2	8·4
10	90	90	89	91	94	94	94	93	90	93	93	92	83	83	91	85	87	84	80	81	80	85	87	87	88·2	9·1
11	89	91	91	91	90	90	91	93	91	93	89	91	87	87	89	89	87	91	91	93	94	90	93	94	**90·5**	8·3
12	90	90	83	83	81	79	78	75	72	72	73	71	67	71	73	79	72	72	72	72	71	72	73	75	76·1	7·9
13	79	80	79	79	79	79	78	79	82	82	78	78	79	77	77	83	82	81	77	80	81	80	81	81	79·5	7·4
14	82	81	77	82	83	89	89	89	88	90	85	85	80	83	82	82	85	88	89	89	87	89	89	91	85·4	7·0
15	89	89	91	89	91	91	87	84	87	89	90	83	80	76	75	77	79	80	83	85	86	87	85	77	84·9	7·8
16	80	82	83	83	83	79	80	79	76	77	73	73	73	75	71	66	73	74	73	71	81	81	77	81	76·7	6·2
17	80	83	85	85	85	83	81	81	79	80	80	81	79	82	80	81	82	87	82	83	87	81	84	91	82·4	**6·0**
18	95	96	93	93	87	86	85	87	87	80	76	73	77	67	68	65	69	70	69	68	70	76	73	72	78·8	8·2
19	72	75	72	76	75	76	73	71	71	71	71	70	71	70	70	71	72	78	78	78	79	79	78	78	**73·8**	6·2
20	81	82	85	87	88	88	89	89	89	86	84	81	85	85	87	89	91	91	93	93	94	93	93	94	87·9	8·7
21	91	89	85	87	85	87	86	85	86	85	86	89	84	79	76	78	83	86	84	83	86	80	76	81	84·3	9·0
22	79	79	77	79	78	77	82	78	83	80	77	75	78	69	70	69	68	81	80	78	73	77	83	82	77·1	7·2
23	81	85	85	83	81	83	81	83	85	87	79	70	62	62	64	63	63	71	77	76	79	77	83	87	76·9	5·8
24	89	87	81	89	87	85	89	91	86	83	84	83	81	84	83	79	79	81	82	82	77	81	84	72	83·6	7·6
25	73	79	83	77	72	66	68	70	73	76	77	82	85	80	75	73	76	76	73	74	76	77	83	85	75·9	7·7
26	78	79	81	80	79	81	83	81	77	72	73	65	58	62	64	64	63	71	75	79	85	85	87	89	75·4	6·3
27	89	88	93	93	93	89	79	81	82	75	78	76	76	76	77	74	79	84	84	84	85	82	71	71	82·0	8·1
28	69	71	79	82	81	79	82	82	75	71	69	67	68	67	69	71	73	75	77	81	83	79	83	81	75·4	6·8
29	74	74	73	75	77	79	81	79	77	73	73	73	77	87	81	71	65	74	78	70	73	76	79	72	75·6	7·6
Mean ...	82·8	82·7	82·5	83·2	82·7	**83·7**	83·2	83·0	82·6	80·8	80·2	78·7	77·8	77·7	77·2	**77·2**	77·5	80·4	80·9	81·2	82·3	82·3	82·2	82·3	81·0	†7·8
Vapour Pressure* ...	mb. 7·5	mb. 7·5	mb. 7·4	mb. 7·4	mb. **7·3**	mb. 7·4	mb. **7·3**	mb. 7·4	mb. 7·5	mb. 7·7	mb. 7·9	mb. 8·1	mb. 8·1	mb. **8·2**	mb. 8·1	mb. 8·1	mb. 7·9	mb. 8·0	mb. 8·0	mb. 8·0	mb. 8·0	mb. 7·8	mb. 7·7	mb. 7·6	mb. ‡7·7	

Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

317. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

March, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	66	72	74	79	65	63	58	61	64	63	65	65	69	81	77	71	74	72	77	81	85	87	89	67	72·0	5·3
2	59	79	77	63	65	79	80	74	74	76	67	72	68	75	85	77	67	63	67	79	87	79	81	55	73·1	**4·8**
3	60	79	79	80	77	83	75	77	77	85	89	85	77	75	70	70	73	72	65	70	73	73	79	81	75·5	5·9
4	87	87	87	87	87	93	85	86	89	87	89	87	85	78	77	76	76	81	83	81	79	80	83	87	83·9	6·5
5	88	88	87	90	83	79	78	77	75	67	65	63	65	62	67	65	67	69	73	73	79	80	79	77	75·0	6·1
6	76	73	80	79	73	76	80	80	76	73	64	60	62	62	63	66	69	70	75	76	73	73	76	77	72·2	5·4
7	81	77	75	72	75	75	71	70	73	72	71	70	67	72	76	75	76	76	73	76	80	80	80	80	74·6	7·4
8	75	73	71	74	73	72	73	73	75	75	73	77	79	82	87	87	87	85	85	84	83	80	80	80	78·5	8·4
9	80	80	80	79	80	83	83	84	84	85	85	82	88	88	88	86	83	80	76	74	71	65	64	63	80·0	9·1
10	67	73	68	69	67	70	73	73	69	66	65	65	66	65	63	65	66	67	69	71	73	73	75	72	68·6	7·7
11	76	77	78	79	83	84	84	87	89	89	89	87	89	88	88	88	86	82	84	84	81	82	77	80	83·6	10·1
12	82	80	81	81	86	82	82	82	82	81	82	79	82	83	84	71	82	85	84	85	85	85	86	87	82·3	10·6
13	88	85	75	60	59	61	70	68	63	66	61	61	59	60	61	63	65	62	63	60	63	65	63	65	65·7	8·5
14	66	67	69	65	67	67	66	69	65	62	61	57	58	58	60	59	61	66	66	64	66	64	66	65	**63·9**	8·0
15	64	65	69	69	68	62	71	75	72	69	69	64	70	71	78	71	79	79	86	86	87	91	92	91	74·4	8·1
16	91	91	91	89	89	89	87	88	91	83	77	75	60	72	73	75	82	87	90	87	76	81	86	86	83·3	7·7
17	91	88	91	91	93	89	91	90	90	80	71	72	70	69	67	68	70	73	79	67	71	64	70	78	78·6	7·7
18	74	78	77	81	77	79	79	77	73	71	69	68	70	71	71	73	71	73	76	79	77	76	76	78	74·7	6·8
19	79	78	75	72	71	72	68	68	70	69	70	66	63	62	65	69	66	67	69	70	66	69	71	71	69·6	6·3
20	70	74	77	73	73	70	65	66	65	67	60	56	56	58	60	67	70	79	77	75	76	80	78	78	69·4	6·9
21	79	81	79	80	83	83	88	89	91	89	91	90	89	89	91	90	90	89	89	88	87	92	92	93	87·3	10·5
22	93	92	91	92	91	92	92	92	92	89	85	83	77	79	83	86	85	83	85	84	85	86	90	93	87·5	11·0
23	93	95	95	96	96	96	97	95	95	95	92	91	91	89	90	90	90	92	93	95	96	95	93	93	**93·4**	11·5
24	93	91	91	88	89	91	92	92	92	89	88	90	91	92	90	93	95	95	95	95	95	95	95	92	92·1	11·5
25	95	95	92	89	91	91	95	93	91	91	90	88	86	86	83	83	85	90	91	92	92	93	92	92	90·3	**11·6**
26	92	83	85	81	86	86	82	82	81	79	78	77	76	78	79	78	79	82	84	83	84	86	86	87	82·4	10·8
27	86	85	83	87	84	85	85	85	85	83	78	78	77	80	83	82	80	81	82	80	80	84	81	83	82·5	9·7
28	80	81	80	77	76	75	75	77	85	81	76	74	79	81	77	71	70	70	70	68	70	72	72	73	75·6	7·2
29	69	68	69	72	71	71	71	72	72	71	68	66	67	67	66	66	72	73	74	71	75	74	77	73	70·6	6·0
30	74	71	70	70	73	73	71	71	72	67	59	61	60	58	60	60	62	63	66	64	68	71	71	72	67·0	5·8
31	77	71	83	79	76	81	81	83	79	71	65	64	68	68	61	65	66	70	75	78	80	85	83	88	74·5	6·3
Mean ...	79·1	79·9	80·0	78·8	78·3	79·1	79·0	79·2	79·1	77·1	74·6	73·3	**73·0**	74·2	74·9	74·4	75·6	76·6	78·1	78·0	78·8	79·4	**80·1**	79·3	77·5	†8·0
Vapour Pressure* ...	mb. 7·6	mb. 7·5	mb. 7·4	mb. 7·4	mb. **7·2**	mb. 7·3	mb. 7·3	mb. 7·4	mb. 7·7	mb. 7·9	mb. 8·1	mb. 8·1	mb. 8·2	mb. 8·4	mb. **8·5**	mb. 8·3	mb. **8·5**	mb. 8·3	mb. 8·2	mb. 8·0	mb. 8·0	mb. 7·9	mb. 7·8	mb. 7·6	mb. ‡7·9	

318. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

April, 1924.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	85	85	85	85	83	83	85	85	83	77	77	68	61	63	57	64	62	69	72	65	71	69	70	77	74·4	6·7
2	83	82	81	81	75	81	79	84	76	72	63	61	61	60	59	63	71	73	78	81	81	83	85	74	74·5	6·5
3	75	75	71	76	81	79	76	76	77	62	62	60	60	61	59	59	57	59	65	68	69	68	71	72	68·3	5·7
4	75	75	81	77	71	72	71	69	67	72	66	63	55	55	56	54	58	57	63	70	68	67	70	68	66·7	**5·6**
5	66	66	64	67	67	69	69	68	62	59	57	60	57	55	59	63	64	68	71	73	73	82	79	75	66·2	6·7
6	76	76	82	79	81	77	80	74	71	69	67	63	62	62	71	67	75	77	79	80	83	85	84	84	75·0	8·1
7	86	87	87	87	88	88	91	91	89	83	79	77	78	80	79	81	87	89	88	87	79	77	77	76	84·0	9·2
8	72	73	71	69	70	73	76	75	83	79	77	86	76	85	81	83	82	77	75	81	77	68	85	87	77·3	7·5
9	85	85	77	82	78	81	91	82	77	78	79	74	86	90	71	80	81	78	71	83	74	81	84	84	80·6	6·8
10	79	77	73	68	65	59	65	64	74	60	71	83	73	70	61	59	61	62	62	64	64	64	65	66	67·4	5·8
11	68	65	74	74	74	83	83	88	91	91	89	80	87	84	85	83	73	75	75	81	72	73	72	71	78·7	7·4
12	68	72	64	65	70	76	61	57	64	59	54	59	62	55	57	57	57	60	61	74	76	69	65	77	**64·0**	5·9
13	88	89	83	87	74	75	81	79	75	70	73	67	66	66	63	66	72	73	72	76	77	77	76	76	75·1	7·3
14	75	75	76	76	76	77	79	77	78	73	73	68	59	60	59	59	62	63	61	61	69	75	81	77	70·4	6·4
15	77	79	81	79	79	79	77	71	72	70	64	63	67	66	65	65	70	68	71	75	71	75	76	83	72·5	6·6
16	84	87	87	89	89	90	88	85	89	85	76	73	75	86	79	83	79	79	77	77	79	79	81	82	82·4	8·2
17	80	81	80	79	77	81	77	76	81	81	78	76	78	74	74	75	77	82	85	85	87	85	89	92	80·2	9·2
18	91	88	88	87	88	87	87	83	81	77	76	75	75	74	73	76	75	76	79	77	80	80	83	84	81·0	10·1
19	87	83	85	85	85	88	86	83	80	80	82	79	81	79	74	75	77	82	82	86	84	83	86	86	82·4	10·8
20	87	87	89	88	88	87	90	87	83	80	80	79	76	79	68	68	72	73	82	78	79	85	83	88	81·5	11·4
21	91	91	91	91	92	92	91	89	84	74	71	70	71	68	70	69	70	73	80	87	85	87	80	81	81·3	11·2
22	84	85	87	89	89	89	85	83	82	82	79	79	78	77	82	81	85	85	83	87	88	89	89	89	84·3	11·9
23	89	87	87	88	88	91	86	82	77	78	82	81	75	77	81	86	90	91	95	93	95	93	92	92	86·4	10·9
24	95	95	95	95	95	95	95	95	93	93	93	87	85	83	85	81	83	80	83	87	90	92	92	95	90·0	12·0
25	93	93	93	93	93	93	92	91	91	95	88	86	88	92	90	89	89	89	89	90	90	92	92	92	**91·0**	**12·3**
26	93	92	92	92	91	89	88	85	84	84	82	83	82	78	88	86	81	82	71	72	66	73	72	80	83·0	10·0
27	83	83	90	90	90	87	89	90	87	86	74	67	67	64	69	71	69	89	92	89	87	84	88	81	81·7	8·7
28	80	84	86	88	89	89	87	86	87	85	85	82	79	78	78	78	78	78	81	82	83	87	86	87	83·3	10·5
29	88	91	92	92	93	92	92	92	92	92	92	92	88	87	85	82	82	85	85	81	85	82	86	87	88·1	11·5
30	87	88	88	86	86	89	89	89	87	86	87	82	80	81	84	84	88	87	89	91	91	93	92	91	87·2	11·3
Mean ...	82·3	82·5	82·7	82·8	82·2	**83·0**	82·9	81·2	80·6	77·7	75·9	74·1	72·9	73·0	**72·1**	72·9	74·2	76·0	77·2	79·4	79·1	79·9	81·0	81·8	78·6	†8·7
Vapour Pressure* ...	mb. 8·1	mb. 8·1	mb. 8·0	mb. 7·9	mb. **7·8**	mb. 7·9	mb. 8·0	mb. 8·3	mb. 8·7	mb. 8·8	mb. 9·0	mb. 8·9	mb. 9·0	mb. **9·1**	mb. 9·0	mb. 9·0	mb. 8·9	mb. 8·9	mb. 8·7	mb. 8·5	mb. 8·4	mb. 8·4	mb. 8·3	mb. 8·3	mb. ‡8·5	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

319. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

May, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	93	93	93	93	93	91	89	89	90	88	87	77	73	75	74	69	76	82	87	84	81	81	85	85·0	11·0
2	89	91	92	92	89	89	91	91	80	80	81	78	80	80	78	73	76	76	79	79	85	85	85	86	83·5	10·7
3	86	86	85	84	83	79	82	84	85	76	66	70	66	65	64	64	60	62	61	65	67	64	69	73	73·0	8·4
4	79	76	79	83	84	83	83	76	70	66	85	78	72	71	77	71	69	70	72	82	73	72	72	67	75·5	7·7
5	69	69	69	68	67	61	62	66	65	72	73	66	65	66	68	76	72	81	78	84	88	88	85	81	72·2	8·1
6	78	78	81	77	77	81	79	78	73	71	77	85	84	79	83	66	72	84	80	80	79	74	80	78	78·1	9·0
7	81	75	74	75	72	68	69	69	73	70	62	76	72	67	64	66	65	66	71	72	75	71	71	75	**70·9**	**7·5**
8	72	76	75	81	75	75	73	70	70	65	66	66	68	67	68	68	67	72	76	75	76	84	84	80	72·8	8·4
9	79	78	85	87	89	91	93	95	93	92	97	96	96	95	93	91	91	93	96	93	93	96	93	95	91·4	11·4
10	93	92	93	93	93	95	92	93	87	89	87	89	82	80	87	86	81	79	81	86	87	89	92	86	88·2	11·3
11	89	91	85	87	91	89	84	79	79	73	71	69	71	72	75	71	71	72	76	82	88	86	89	90	80·3	9·9
12	91	91	91	90	93	90	87	86	81	78	73	74	71	71	70	73	74	69	71	81	79	80	83	84	80·6	9·8
13	89	89	87	89	89	88	81	77	70	69	66	67	69	72	73	74	78	78	82	84	90	90	91	91	80·4	10·5
14	91	91	92	91	92	89	91	83	83	81	78	73	74	74	74	75	69	74	75	78	84	87	88	86	82·3	10·7
15	85	89	89	88	85	85	89	86	89	80	77	72	71	67	72	70	70	70	72	78	75	78	81	82	79·3	9·7
16	76	78	77	76	83	83	76	70	72	69	72	73	73	74	74	71	69	73	72	76	79	84	83	84	75·7	9·8
17	89	87	89	86	87	87	79	72	71	69	63	64	62	67	63	67	66	70	71	76	78	76	77	81	74·9	9·9
18	82	80	83	78	80	77	72	69	71	70	69	68	67	67	69	73	65	70	72	75	77	81	82	85	74·2	10·8
19	85	84	72	80	73	82	84	75	78	80	81	81	86	86	86	83	85	84	85	85	86	88	92	95	83·0	12·3
20	90	85	87	90	87	77	80	74	76	78	80	79	83	83	79	81	88	92	91	92	91	91	92	93	85·0	12·4
21	92	93	89	87	85	80	79	76	74	73	78	82	84	82	79	83	83	87	87	94	92	92	92	90	84·8	13·0
22	90	91	92	92	93	91	92	89	91	91	91	87	84	85	84	86	85	81	85	87	78	78	76	75	86·7	12·5
23	81	82	87	92	91	83	79	81	75	77	70	70	76	69	75	71	73	74	72	79	82	82	82	82	78·4	10·3
24	84	83	83	83	81	86	88	92	90	89	87	87	88	88	91	85	81	80	82	81	81	81	81	80	84·7	11·1
25	81	82	85	83	83	83	82	79	77	77	79	76	76	77	86	79	79	80	81	83	85	87	87	79	81·1	10·8
26	77	82	82	82	82	85	87	82	76	74	76	76	78	79	88	88	91	90	91	92	95	93	93	93	84·4	11·5
27	95	92	93	91	90	93	93	92	92	95	95	91	91	93	95	95	96	95	93	93	92	92	93	93	**93·0**	**13·3**
28	93	90	91	91	84	83	78	82	78	72	74	73	73	70	69	65	65	76	65	63	63	68	74	68	75·9	12·4
29	69	70	69	69	69	62	65	67	66	68	70	70	70	76	74	69	69	87	91	89	89	90	87	88	74·3	12·5
30	90	90	82	79	78	85	81	84	91	90	86	82	80	79	79	77	79	80	81	88	87	86	89	89	83·8	13·2
31	88	91	83	83	80	79	77	76	74	76	73	69	73	71	66	67	68	74	80	83	87	90	90	90	78·6	12·8
Mean ...	**84·7**	84·7	84·3	84·5	83·8	83·0	81·9	80·1	78·7	77·4	77·1	76·6	76·2	75·6	76·7	75·4	**75·1**	77·9	79·1	82·0	82·7	83·4	84·3	84·0	80·4	†10·7
Vapour Pressure* ...	mb. 10·3	mb. 10·3	mb. **10·0**	mb. 10·2	mb. **10·0**	mb. **10·0**	mb. 10·3	mb. 10·7	mb. 10·9	mb. 10·8	mb. 10·9	mb. **11·2**	mb. **11·2**	mb. **11·2**	mb. **11·2**	mb. 11·0	mb. 10·9	mb. 10·8	mb. 10·7	mb. 10·6	mb. 10·5	mb. 10·4	mb. 10·3	mb. 10·3	mb. ‡10·6	

320. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

June, 1924.

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	91	92	92	93	95	93	97	94	92	87	87	85	82	81	81	78	76	80	84	82	82	83	85	81	86·6	12·4
2	83	86	81	91	91	87	85	81	79	78	82	85	87	87	88	81	82	87	89	89	93	91	93	94	86·0	12·6
3	96	95	95	96	96	96	96	96	95	94	92	94	84	81	84	83	88	90	92	93	94	95	95	96	92·3	14·6
4	95	96	97	96	97	95	92	89	85	83	82	82	80	78	79	79	83	81	81	82	85	89	89	91	87·0	13·1
5	89	82	89	91	92	91	90	80	73	76	78	79	75	79	87	86	85	88	87	88	87	87	87	88	84·8	12·8
6	93	94	94	94	93	93	94	91	87	86	85	80	81	79	80	77	75	80	82	86	92	93	92	88	87·0	14·3
7	83	81	81	79	76	74	79	82	86	91	94	93	93	90	89	92	91	84	82	86	87	87	85	87	85·5	13·3
8	89	88	89	88	88	91	87	84	85	84	86	82	82	81	82	80	83	82	86	88	90	91	92	92	86·1	13·3
9	92	92	91	93	92	85	87	84	85	85	89	85	89	91	95	92	82	82	84	85	82	83	92	89	87·8	13·0
10	89	89	86	85	89	93	93	90	93	91	92	92	92	92	86	82	84	88	89	88	87	88	90	92	89·1	13·5
11	90	90	92	92	93	92	91	91	90	93	95	89	87	89	85	81	80	85	86	88	88	87	85	83	88·6	12·9
12	86	87	84	80	82	80	83	83	81	79	79	81	90	87	89	88	86	80	82	85	84	82	85	85	83·6	12·1
13	85	84	85	85	87	87	82	81	80	79	79	77	71	73	73	70	68	74	75	77	81	85	87	89	79·7	11·7
14	91	92	92	91	92	93	92	89	88	83	87	91	93	94	95	96	96	94	95	95	95	93	94	93	92·2	13·1
15	94	96	96	96	97	95	96	96	95	84	81	81	80	80	79	78	83	86	89	93	95	96	95	96	89·8	13·9
16	97	93	93	93	92	91	90	89	87	88	85	82	83	84	84	84	85	93	94	93	93	93	95	93	89·8	13·6
17	95	93	95	96	93	88	90	86	83	85	79	78	71	78	75	79	89	92	91	93	95	93	95	96	87·8	13·3
18	91	90	88	88	89	90	90	89	80	79	85	91	88	90	81	81	82	83	82	85	88	89	92	93	86·9	13·3
19	91	91	91	91	92	92	92	92	88	90	82	89	81	83	83	75	74	72	75	79	83	87	87	85	85·4	11·7
20	84	85	87	85	88	82	82	79	75	78	81	83	83	86	91	84	89	86	86	85	84	85	88	89	84·3	11·3
21	89	91	92	92	95	97	78	81	77	81	78	80	78	83	87	86	82	85	87	88	87	87	83	87	85·5	12·2
22	87	91	90	90	89	89	88	88	83	82	79	79	88	89	90	89	88	85	88	90	91	91	93	93	87·8	13·1
23	95	94	95	94	94	95	96	94	95	93	93	88	88	91	93	94	92	93	94	94	95	93	95	95	93·4	15·0
24	95	95	94	95	95	95	95	96	96	97	97	96	95	96	96	95	97	97	96	96	96	96	96	97	**95·7**	**15·6**
25	95	94	94	94	94	95	95	94	95	96	94	94	95	94	94	95	94	94	94	94	93	95	93	92	94·3	15·0
26	91	94	95	94	94	91	91	93	93	93	89	92	93	92	93	92	93	93	94	95	95	95	95	96	93·1	14·2
27	93	90	91	89	88	88	82	82	85	83	83	81	76	69	73	68	70	72	77	79	85	83	85	89	81·9	12·1
28	90	90	90	92	92	90	89	88	88	87	88	84	85	84	82	81	81	82	86	88	90	88	91	93	87·4	13·0
29	94	94	94	93	94	95	94	90	86	82	84	84	82	78	77	76	78	78	81	83	87	87	88	89	86·3	13·4
30	82	78	79	78	78	76	75	73	74	63	72	69	73	69	69	68	63	67	69	73	80	85	88	89	**74·6**	**11·1**
Mean ...	90·5	90·2	90·4	90·5	**90·9**	90·0	89·0	87·5	86·0	85·0	85·2	84·9	84·2	84·3	84·7	**88·0**	83·3	84·4	85·9	87·3	88·8	89·2	90·3	90·7	87·3	†13·1
Vapour Pressure* ...	mb. 12·8	mb. **12·5**	mb. **12·5**	mb. 12·7	mb. 12·7	mb. 12·7	mb. 13·0	mb. 13·1	mb. 13·3	mb. 13·3	mb. 13·4	mb. 13·6	mb. 13·7	mb. 13·8	mb. **14·0**	mb. 13·8	mb. 13·5	mb. 13·3	mb. 13·2	mb. 13·0	mb. 13·0	mb. 12·8	mb. 12·7	mb. 12·7	mb. ‡13·1	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

321. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

July, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	91	92	92	87	82	81	77	73	73	74	82	89	91	94	94	94	95	92	88	87	87	88	87	86·7	12·3
2	85	82	82	83	83	82	82	80	80	80	77	78	76	73	78	77	76	77	80	80	85	87	87	88	80·7	12·4
3	89	90	92	91	91	90	89	89	90	89	88	88	82	79	78	74	71	70	72	85	83	86	85	87	84·5	11·5
4	87	87	91	89	89	88	85	81	75	84	85	89	81	76	75	75	72	76	78	85	85	87	87	85	83·0	**10·4**
5	90	87	89	91	92	92	87	85	89	87	89	93	85	78	73	81	85	84	78	80	82	83	82	84	85·3	12·0
6	88	88	91	91	91	92	85	82	90	91	88	84	87	87	82	82	83	79	81	84	90	89	89	90	86·7	13·1
7	91	93	92	92	92	92	92	91	91	90	89	85	85	80	79	82	85	83	82	82	86	87	87	87	87·4	14·3
8	87	89	93	91	90	84	83	83	84	81	82	79	74	73	73	79	82	86	89	89	93	89	89	86	84·5	13·9
9	85	91	92	93	94	91	92	92	88	85	87	82	84	82	83	83	82	86	91	91	89	92	94	96	88·3	15·0
10	95	95	95	94	94	95	96	95	95	94	95	96	96	96	97	95	96	96	97	97	96	97	99	99	**95·8**	**16·2**
11	99	99	99	99	99	99	97	97	96	94	94	94	95	93	90	89	82	79	79	78	78	78	79	86	90·8	15·3
12	86	84	80	73	78	83	90	87	92	91	92	87	82	82	81	88	83	81	84	86	87	88	86	88	84·9	15·2
13	89	89	89	88	89	86	84	82	79	78	78	79	78	77	76	77	76	79	82	84	85	86	88	91	82·8	13·8
14	91	91	91	89	91	88	89	85	84	80	81	82	82	83	89	92	91	90	89	90	91	91	92	93	88·1	14·9
15	96	96	96	97	96	96	96	96	96	96	95	97	95	97	93	87	90	87	87	89	91	92	93	93	93·6	15·9
16	92	92	93	89	83	83	79	79	76	77	81	79	77	78	77	77	75	78	80	83	88	89	89	91	82·7	13·6
17	91	91	93	93	93	94	93	93	91	88	81	82	83	81	86	82	74	79	80	82	82	85	85	85	86·3	13·4
18	87	85	83	85	80	86	86	88	85	81	84	78	84	81	79	81	79	80	82	80	87	88	87	89	83·5	13·2
19	92	91	92	92	92	92	91	87	86	84	81	79	75	75	79	84	84	90	88	89	85	87	88	87	86·3	13·2
20	91	92	90	91	90	90	89	84	80	77	75	71	73	79	74	72	76	79	77	79	81	81	79	81	81·4	13·3
21	85	86	85	88	82	81	74	75	75	74	69	70	72	71	68	73	68	73	77	78	78	80	83	85	**77·0**	11·9
22	84	86	86	85	86	83	82	76	75	77	74	78	78	78	78	80	82	91	92	91	94	94	89	83	83·5	13·0
23	80	79	82	88	91	93	94	91	95	92	93	91	93	94	94	88	79	82	85	80	76	72	75	76	86·1	13·6
24	76	76	79	79	81	81	83	80	87	93	93	93	91	87	87	85	85	86	89	95	96	96	94	95	86·6	13·5
25	95	95	95	95	96	96	96	97	97	94	90	92	86	90	85	91	82	81	83	89	85	87	86	86	90·6	14·8
26	87	91	88	87	87	87	93	92	91	92	91	90	86	89	88	89	83	84	87	92	92	93	94	95	89·3	14·4
27	93	93	93	93	93	94	94	92	93	93	95	93	94	95	95	93	91	91	92	95	94	94	95	96	93·5	15·2
28	94	94	92	91	94	93	92	89	83	81	81	81	82	79	77	78	75	81	81	85	88	92	93	93	86·3	14·4
29	86	83	88	85	85	84	80	83	78	78	77	79	77	77	75	77	73	77	79	86	91	90	91	92	82·1	13·8
30	93	94	93	94	94	93	93	91	85	83	82	79	88	81	82	80	81	85	90	89	87	87	88	88	87·6	15·0
31	88	92	92	94	91	89	93	94	94	92	93	90	91	90	88	88	87	92	93	93	93	91	90	92	91·2	15·1
Mean ...	89·1	89·4	**89·9**	89·7	89·5	89·0	88·4	86·9	86·2	85·5	85·0	84·5	83·9	83·0	82·4	83·0	**81·4**	83·1	84·4	86·3	87·3	87·9	88·1	88·8	86·4	†13·8
Vapour Pressure* ...	mb. 13·3	mb. **13·2**	mb. 13·4	mb. 13·3	mb. 13·3	mb. 13·4	mb. 13·6	mb. 13·8	mb. 14·0	mb. 14·0	mb. 14·1	mb. 14·4	mb. 14·5	mb. **14·5**	mb. 14·3	mb. **14·5**	mb. 14·1	mb. 13·9	mb. 13·7	mb. 13·6	mb. 13·5	mb. 13·6	mb. 13·5	mb. 13·6	mb. ‡13·8	

322. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

August, 1924.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	93	93	94	92	92	94	96	92	94	92	87	82	84	87	77	79	78	77	78	79	83	81	85	86·9	14·7
2	89	85	83	83	84	84	83	80	78	77	78	77	77	77	80	80	80	79	82	85	87	89	90	89	82·3	13·6
3	89	91	92	92	96	95	96	95	95	95	97	97	90	78	79	77	77	76	78	85	88	88	90	92	88·6	14·6
4	92	93	94	95	97	96	95	96	97	95	95	93	92	93	94	95	94	93	95	97	97	95	97	97	**94·8**	**16·7**
5	95	95	97	98	98	97	96	89	86	85	83	84	88	83	83	77	80	79	79	84	85	86	90	91	88·0	15·1
6	94	93	91	91	93	94	89	90	93	92	89	78	79	73	73	74	70	74	77	76	78	80	79	79	83·5	13·3
7	81	81	84	82	78	82	79	74	73	70	70	72	69	61	69	66	61	62	68	76	82	87	87	89	**74·9**	11·8
8	91	89	91	93	92	92	92	88	84	79	77	77	75	74	72	72	73	76	79	85	88	89	89	85	83·5	12·5
9	85	90	91	90	90	91	88	88	74	73	68	65	65	74	72	66	68	72	77	85	83	83	83	82	79·4	12·3
10	83	86	89	86	88	89	87	87	83	84	80	80	80	75	76	75	77	84	84	89	89	89	93	94	84·2	14·6
11	94	95	93	92	93	92	91	92	90	85	83	83	83	81	82	88	84	87	87	89	86	83	77	86	87·5	14·8
12	84	88	83	91	92	92	88	84	86	84	83	83	79	82	82	86	85	89	85	88	84	84	84	83	85·4	14·0
13	88	83	81	81	79	76	78	76	77	77	70	69	73	76	78	77	78	76	81	86	89	92	94	95	80·2	13·3
14	94	95	94	93	92	88	85	81	78	68	69	70	79	75	74	78	77	73	78	77	83	82	79	80	81·2	13·1
15	90	84	82	83	83	87	88	87	89	84	83	81	80	88	85	87	83	88	91	94	92	92	91	93	86·6	13·1
16	90	85	85	73	76	80	79	75	73	73	75	71	72	73	73	73	75	78	79	85	87	85	90	91	79·0	11·9
17	92	95	95	94	92	89	90	87	84	80	87	91	89	89	92	79	81	80	78	77	83	87	85	83	86·8	13·2
18	83	84	87	82	81	84	80	80	83	79	81	77	74	74	78	75	84	82	85	85	88	90	84	83	81·8	12·4
19	84	87	88	87	87	88	84	81	85	79	77	82	80	79	84	81	82	85	88	85	87	87	82	83	83·8	12·1
20	82	91	87	83	82	89	77	81	75	75	73	72	68	69	70	72	73	73	79	79	80	83	82	83	78·3	12·0
21	80	88	92	89	87	91	93	93	89	86	89	85	85	81	85	81	81	81	88	89	90	86	82	85	86·5	13·3
22	89	87	85	89	87	85	82	83	92	89	88	89	83	88	81	78	77	75	80	81	84	85	83	87	84·4	12·6
23	85	83	80	86	89	88	89	87	80	75	70	71	68	69	71	71	73	75	77	81	79	79	79	77	78·6	12·4
24	78	79	75	76	73	83	79	70	76	78	74	67	69	70	76	70	70	81	78	83	82	85	85	86	76·6	**11·7**
25	86	85	87	94	94	95	89	82	82	89	78	73	69	71	69	71	73	72	77	86	85	89	90	91	82·3	12·8
26	90	91	90	92	86	82	86	82	79	79	74	77	75	76	76	78	81	78	82	83	87	88	81	79	82·4	12·4
27	87	81	80	82	85	83	85	86	87	86	84	82	80	79	83	82	89	92	94	94	91	92	94	94	86·0	13·7
28	94	94	94	92	90	92	93	94	95	96	95	96	98	95	96	95	93	91	93	93	89	90	91	88	93·3	15·1
29	91	93	88	89	89	91	91	87	90	92	93	95	94	96	95	96	96	96	95	96	96	96	96	94	93·0	15·0
30	94	94	95	94	94	94	94	94	94	90	85	88	93	94	95	94	95	94	94	95	95	96	96	95	93·6	16·0
31	95	95	95	95	92	92	93	93	91	91	88	85	84	83	83	89	84	86	87	91	89	88	87	89	89·5	14·9
Mean ...	88·5	88·8	88·4	88·4	88·1	88·8	87·5	85·7	84·8	83·2	81·5	80·5	79·7	79·4	80·4	79·4	79·8	80·8	83·0	85·7	86·5	87·4	86·8	87·4	84·6	†13·5
Vapour Pressure* ...	mb. 13·3	mb. 13·3	mb. 13·2	mb. 13·2	mb. 13·3	mb. 13·3	mb. 13·4	mb. 13·5	mb. 13·8	mb. 13·7	mb. 13·7	mb. 13·8	mb. **14·0**	mb. 13·8	mb. **14·0**	mb. 13·6	mb. 13·7	mb. 13·5	mb. 13·4	mb. 13·4	mb. 13·3	mb. 13·2	mb. **13·1**	mb. **13·1**	mb. ‡13·5	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

323. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

September, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	88	91	89	93	90	90	91	89	85	82	84	79	79	78	83	78	81	83	89	90	94	93	94	95	86·9	14·7
2	96	96	96	96	96	94	94	95	93	92	91	89	84	79	79	82	85	88	83	84	88	85	84	89	89·2	16·1
3	91	91	90	90	93	95	95	88	80	80	72	74	75	76	73	73	76	81	85	89	80	78	84	82	83·1	15·2
4	77	82	85	78	86	87	91	85	82	72	75	79	78	83	78	83	86	86	90	91	88	86	81	83	83·0	13·3
5	85	81	83	82	81	81	80	80	76	80	82	80	79	79	79	78	77	75	78	78	75	78	86	89	80·0	13·3
6	84	80	80	83	87	87	91	93	93	82	82	81	82	84	90	89	84	85	88	88	83	79	80	81	85·0	14·9
7	84	81	81	80	89	87	81	79	77	75	73	79	91	86	75	73	72	72	73	79	84	81	77	81	79·6	15·1
8	79	83	86	82	84	85	85	89	90	87	89	91	92	90	89	84	92	92	89	91	84	83	78	83	86·5	**16·3**
9	78	84	77	77	80	78	79	76	71	77	69	69	66	66	61	66	61	65	66	67	66	63	67	66	71·0	10·0
10	67	67	71	79	85	89	93	92	91	95	93	93	94	94	95	96	96	96	96	95	96	95	94	94	89·3	12·6
11	96	96	96	94	95	89	82	87	88	91	87	81	81	82	80	81	83	86	91	94	93	93	93	89	88·8	13·7
12	91	87	85	87	83	82	91	92	91	94	88	89	86	86	87	82	81	84	88	86	87	82	87	84	86·8	13·3
13	82	82	82	80	83	89	89	83	82	78	75	76	79	76	76	78	81	78	81	81	87	81	85	89	81·3	11·8
14	88	89	87	85	86	81	85	80	88	87	83	76	74	77	78	78	81	83	87	88	88	91	89	89	84·1	12·2
15	87	86	86	87	86	79	81	81	76	79	93	91	95	97	95	92	91	90	89	88	89	88	88	88	87·6	13·8
16	89	87	90	90	90	91	91	92	94	95	92	91	90	90	93	95	95	94	95	95	95	95	95	95	92·3	14·9
17	95	96	95	95	95	95	92	89	89	82	79	78	77	74	71	70	69	71	71	72	75	76	75	81	82·0	13·4
18	81	82	83	87	87	85	86	80	79	74	74	71	71	72	74	70	73	78	83	85	89	89	89	91	80·3	11·7
19	91	91	89	83	84	89	91	90	87	85	86	89	92	89	92	93	91	91	84	88	89	89	83	79	88·4	11·7
20	83	89	88	89	91	89	92	88	89	85	88	85	88	93	93	92	82	82	77	81	79	78	80	78	85·8	11·9
21	79	79	78	76	81	81	83	85	91	83	80	76	78	77	77	79	89	92	91	91	91	91	92	85	83·4	10·7
22	84	78	84	87	78	91	93	91	86	83	89	86	88	87	89	91	92	85	84	88	89	81	83	91	86·5	10·3
23	81	81	81	75	81	88	85	81	78	72	77	68	64	69	65	63	70	67	73	71	73	70	74	77	74·6	9·9
24	81	83	83	86	87	91	89	91	92	92	93	92	91	89	86	80	85	85	86	86	85	83	85	83	86·7	10·7
25	79	79	78	78	77	77	72	71	73	72	73	71	70	68	70	71	72	73	73	75	75	71	72	75	73·7	9·9
26	79	77	77	75	77	79	79	76	76	73	71	71	71	71	72	77	79	81	85	86	87	88	86	89	78·1	10·7
27	91	89	89	91	91	87	94	93	92	86	71	70	69	69	72	72	74	81	83	85	85	88	87	87	83·2	10·0
28	87	86	85	85	85	84	83	84	87	82	83	90	93	93	95	93	95	95	96	96	95	94	93	89·7	12·7
29	96	95	96	96	96	95	96	96	96	96	96	96	96	96	96	90	90	90	90	91	93	92	87	83	**93·7**	13·6
30	73	66	70	71	69	69	68	70	67	68	66	69	69	70	68	66	65	66	75	69	76	80	83	84	**70·7**	**8·9**
Mean	84·7	84·5	84·7	84·6	85·8	86·1	**86·7**	85·5	84·6	82·6	81·8	81·0	81·4	81·3	81·0	**80·5**	81·6	82·5	84·0	84·9	85·3	84·1	84·4	85·1	83·7	†12·6
Vapour Pressure* ...	mb. 12·0	mb. 12·0	mb. 12·0	mb. 12·0	mb. 12·2	mb. 12·1	mb. 12·1	mb. 12·3	mb. 12·6	mb. 12·7	mb. 12·8	mb. 12·7	mb. 12·8	mb. 12·9	mb. **13·0**	mb. 12·8	mb. 12·8	mb. 12·7	mb. 12·6	mb. 12·4	mb. 12·3	mb. 12·1	mb. **11·9**	mb. 12·0	mb. ‡12·4	

324. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

October, 1924.

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	88	87	88	87	93	92	95	93	92	93	85	85	85	88	84	87	88	88	89	90	92	93	95	89·2	12·4
2	94	92	93	93	92	93	85	87	74	72	71	68	70	75	75	71	82	84	87	83	81	79	81	79	82·0	10·6
3	79	78	85	78	76	77	73	71	65	64	60	60	65	62	58	61	64	68	70	72	75	76	75	79	**70·5**	**8·6**
4	78	82	87	87	91	93	91	92	90	85	80	74	75	71	72	74	76	81	80	79	83	83	87	87	82·3	8·8
5	89	92	95	93	92	80	75	71	66	69	67	69	70	67	73	69	70	72	73	80	78	82	81	82	77·4	9·5
6	87	87	89	92	92	92	92	90	90	87	84	82	77	69	73	75	78	80	76	77	77	78	72	72	82·2	10·4
7	72	72	75	76	78	73	85	81	81	81	78	79	84	78	84	84	86	89	91	92	92	92	93	90	82·4	9·8
8	93	93	93	93	93	95	93	95	95	95	90	89	87	82	79	79	80	81	86	86	91	91	91	92	89·2	10·8
9	93	92	92	93	93	93	95	96	96	95	94	95	93	93	91	93	94	96	96	96	96	96	95	93	**94·1**	13·7
10	91	93	93	95	95	95	93	93	95	93	89	84	82	78	80	81	83	81	84	83	85	85	82	83	87·5	11·5
11	82	84	83	86	82	83	85	85	88	85	86	86	88	88	90	91	89	89	85	86	85	87	87	83	86·0	11·3
12	87	88	88	89	91	89	88	89	88	77	77	71	69	75	87	87	81	78	84	87	87	93	89	88	84·4	10·9
13	89	93	91	83	79	82	83	85	83	83	84	84	79	79	76	79	79	79	79	82	83	81	83	79	82·6	14·2
14	80	84	84	86	86	86	86	85	84	80	75	77	75	72	67	67	70	69	70	73	74	75	75	78	77·4	**14·4**
15	83	81	83	83	72	67	64	71	68	68	65	69	65	66	70	76	80	86	89	93	93	91	93	92	77·5	13·6
16	93	95	96	96	96	95	96	96	96	95	95	95	96	91	89	89	90	91	92	95	95	95	95	93	93·9	13·1
17	93	95	95	92	93	92	92	91	91	82	73	74	74	76	79	80	84	86	89	87	84	87	86	82	85·9	10·8
18	84	87	91	92	93	93	95	93	93	92	93	93	93	93	93	92	93	95	95	96	95	96	96	97	92·7	13·0
19	97	96	96	96	95	97	93	93	93	92	91	91	90	87	89	91	91	91	91	93	92	92	92	91	92·6	12·9
20	91	92	91	92	93	95	95	93	90	87	84	81	77	77	78	78	78	79	79	80	82	81	82	83	85·1	11·5
21	86	89	88	83	84	84	85	85	87	85	86	86	83	82	83	83	83	83	85	83	84	84	84	84	84·5	12·0
22	82	78	81	83	86	82	83	82	89	84	75	79	76	77	81	83	85	87	89	90	90	89	89	89	83·6	10·7
23	89	89	87	87	85	84	81	83	78	78	75	75	78	76	77	74	75	74	75	76	75	74	73	75	79·2	10·7
24	76	75	73	72	72	74	73	71	71	71	70	70	69	69	68	68	71	79	85	85	86	85	86	86	75·0	10·2
25	85	84	84	87	88	89	89	88	87	91	91	91	91	87	89	91	92	85	84	82	84	81	87	89	87·3	10·7
26	92	95	92	93	95	91	92	93	92	91	87	78	77	80	80	78	81	84	84	83	81	76	73	78	85·5	10·8
27	78	75	71	78	81	82	88	88	90	91	92	94	90	88	88	90	91	91	90	91	90	89	88	89	86·6	12·2
28	89	88	88	87	87	85	84	85	86	86	88	88	93	92	91	92	94	94	96	95	95	96	94	92	90·1	13·7
29	93	93	93	93	95	94	95	96	96	96	94	91	86	86	88	89	87	90	89	87	90	90	91	89	91·4	13·6
30	87	89	84	86	84	81	81	81	80	79	79	79	77	80	81	80	82	84	83	83	84	82	91	87	82·7	11·6
31	89	89	89	85	85	84	85	87	89	88	88	92	90	91	92	92	92	91	90	92	92	92	92	93	89·4	11·9
Mean	86·8	87·4	**87·8**	**87·6**	87·5	86·9	86·7	86·8	85·9	84·3	82·4	81·6	80·8	**79·7**	80·9	81·3	82·8	84·0	85·0	85·7	86·1	86·1	86·3	86·1	84·8	†11·6
Vapour Pressure* ...	mb. 11·3	mb. **11·2**	mb. 11·3	mb. 11·4	mb. 11·4	mb. **11·2**	mb. 11·2	mb. 11·4	mb. 11·5	mb. 11·7	mb. 11·7	mb. **12·0**	mb. 11·9	mb. 11·9	m b. 11·9	mb. 11·7	mb. 11·7	mb . 11·6	mb. 11·6	mb. 11·7	mb. 11·6	mb. 11·5	mb. 11·4	mb. 11·4	mb. ‡11·6	

Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

325. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t (height of thermometer bulbs above ground) = 1·3 metres.

November, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	95	96	96	96	95	90	90	88	90	90	95	97	96	94	93	89	88	84	79	83	81	77	76	74	89·2	12·3
2	73	75	80	78	76	79	85	81	81	81	78	82	87	79	78	78	79	79	81	83	87	89	91	87	80·9	10·4
3	89	91	90	91	90	91	90	87	83	76	80	75	70	65	64	70	76	78	76	70	66	73	66	75	78·7	7·8
4	75	74	74	77	78	83	83	82	83	83	77	68	65	72	65	66	77	75	84	85	87	89	88	89	78·0	**6·9**
5	89	89	91	91	93	95	97	94	94	94	93	88	80	77	76	81	81	79	86	80	76	83	80	79	86·3	9·3
6	78	80	81	81	79	78	77	75	74	70	66	75	78	69	72	77	76	78	79	76	79	75	71	80	76·0	8·8
7	81	83	83	85	85	83	78	75	83	76	74	72	69	70	70	73	74	71	77	77	75	73	74	72	76·5	8·4
8	72	71	70	70	70	69	69	69	69	70	75	73	72	75	76	77	72	72	73	73	75	75	83	84	**72·8**	9·1
9	81	82	80	82	82	84	87	85	80	79	83	79	80	77	80	78	76	83	81	89	83	93	91	86	82·5	11·7
10	85	81	75	79	82	87	86	91	90	88	87	85	82	89	91	87	89	87	89	95	95	93	92	92	87·3	11·4
11	91	91	92	89	91	87	87	87	87	87	84	77	77	74	76	75	72	71	77	70	75	71	73	82	81·2	9·8
12	77	76	73	76	79	85	89	91	87	85	86	80	78	73	74	79	77	75	77	74	73	73	72	72	78·6	7·8
13	71	72	71	70	71	70	70	69	69	70	71	71	71	77	83	83	83	84	80	86	88	89	93	93	76·9	8·8
14	93	93	93	89	87	87	88	86	87	91	91	86	85	84	82	86	89	88	91	89	89	92	89	92	88·6	10·8
15	93	89	91	92	91	88	87	87	85	85	83	83	82	80	79	79	83	87	89	94	91	91	91	93	87·2	9·8
16	91	94	94	93	93	93	93	95	94	93	92	89	91	89	91	92	92	93	92	91	92	92	92	89	92·2	10·1
17	91	92	88	91	89	92	92	87	85	82	82	81	80	79	80	84	83	82	83	82	83	84	84	84	85·1	9·7
18	83	85	87	87	87	86	87	89	89	89	85	86	84	85	82	83	80	85	86	85	85	87	87	88	85·6	10·0
19	88	91	88	91	92	92	92	92	92	91	87	79	76	76	74	73	75	76	77	83	84	84	84	85	84·3	10·0
20	83	81	79	81	84	86	86	83	82	82	80	79	80	82	82	83	82	82	82	83	82	79	83	83	82·1	9·8
21	83	79	81	79	79	79	79	79	83	80	82	79	82	82	91	85	85	86	91	87	87	87	90	90	83·4	10·5
22	87	86	89	85	90	93	92	91	92	95	95	95	95	96	96	96	95	95	95	96	96	96	96	96	93·1	12·4
23	96	97	97	97	97	97	96	97	97	97	97	96	95	96	96	97	96	96	96	95	95	96	89	86	**95·8**	**12·9**
24	83	83	83	85	87	82	84	85	92	88	85	89	84	85	91	92	93	96	93	92	92	93	95	96	88·5	11·1
25	96	96	95	95	91	93	88	89	88	87	92	88	91	93	91	88	86	83	82	83	83	84	87	86	89·2	10·5
26	92	89	92	90	91	89	90	89	87	85	85	84	83	84	80	77	79	83	79	77	72	70	76	84	83·7	8·6
27	85	83	81	82	81	75	75	64	64	59	64	63	68	71	74	73	83	83	80	75	79	81	81	81	75·3	7·3
28	84	84	82	77	78	76	77	86	85	84	87	84	81	85	87	87	89	92	95	87	89	89	89	87	84·9	8·9
29	87	89	92	91	86	84	83	83	82	82	80	79	79	77	80	80	79	86	91	84	75	80	86	83	83·3	9·7
30	83	87	91	88	91	88	88	84	85	87	83	82	78	85	82	86	82	87	87	88	86	87	88	88	85·8	10·4
Mean ...	85·2	85·3	85·3	85·3	**85·5**	85·4	**85·5**	84·7	84·6	83·5	83·3	81·5	**80·6**	80·7	81·2	81·8	82·4	83·2	84·3	83·7	83·3	84·2	84·6	85·2	83·8	†9·8
Vapour Pressure* ...	mb. **9·5**	mb. 9·6	mb. 9·6	mb. 9·6	mb. 9·6	mb. 9·6	mb. 9·6	mb. 9·6	mb. 9·6	mb. 9·7	mb. 10·0	mb. 10·0	mb. 10·2	mb. **10·2**	mb. 10·1	mb. 10·1	mb. 9·8	mb. 9·7	mb. 9·7	mb. 9·7	mb. 9·6	mb. 9·6	mb. 9·6	mb. 9·6	mb. ‡9·7	

326. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres.

December, 1924.

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	88	85	86	88	88	88	88	88	92	92	90	89	86	87	89	89	92	92	91	93	93	93	92	93	89·6	10·8
2	95	95	93	93	93	93	93	90	94	91	93	92	89	88	88	89	92	91	95	92	94	94	94	93	92·3	9·6
3	91	93	91	93	94	93	94	95	92	92	94	91	92	91	93	91	91	89	88	87	88	84	86	88	91·0	9·2
4	92	88	95	92	93	96	95	96	96	96	95	92	91	91	92	89	87	88	88	84	89	91	92	91	91·6	11·6
5	87	83	81	85	77	77	80	79	78	77	77	74	76	74	77	85	83	75	74	77	75	80	78	72	78·8	9·6
6	76	82	78	78	80	83	83	85	86	88	87	87	89	87	87	88	89	90	91	91	91	89	89	87	85·6	10·6
7	87	87	86	85	85	85	87	87	87	87	91	89	91	89	93	96	96	95	97	96	96	95	91	92	90·3	11·7
8	92	93	95	94	93	92	95	91	93	93	93	89	91	93	93	95	95	96	97	94	95	94	93	93	93·0	8·7
9	91	95	93	94	94	95	93	93	96	96	91	89	88	88	89	92	92	91	91	93	93	92	89	87	92·0	10·2
10	88	87	87	85	88	91	91	92	92	93	92	91	91	90	91	91	92	93	93	93	95	93	95	95	91·0	11·0
11	93	93	92	93	92	93	93	92	95	92	92	92	93	93	95	96	95	95	95	95	96	95	93	93	93·6	11·8
12	93	95	99	99	99	97	97	96	96	96	95	93	95	95	96	96	95	96	95	93	95	93	92	91	95·3	**12·9**
13	92	93	93	95	96	96	96	92	92	91	85	85	85	78	83	81	75	79	77	79	85	85	78	80	86·5	10·1
14	79	78	77	83	80	78	76	76	80	76	78	77	82	79	81	84	85	86	83	84	78	92	87	87	80·9	8·7
15	89	89	96	95	93	92	91	89	87	89	86	88	92	92	95	92	89	85	87	86	85	88	87	81	89·4	10·6
16	85	86	83	85	81	87	82	80	81	79	80	78	80	79	80	88	91	87	85	88	87	89	92	96	84·2	9·9
17	95	97	96	95	96	95	96	97	97	96	95	95	95	95	96	96	96	95	95	96	97	95	93	93	**95·6**	**12·9**
18	93	93	93	93	92	93	93	92	92	93	93	92	95	91	90	89	90	89	89	85	86	83	85	85	90·5	12·0
19	86	86	85	85	87	91	90	92	90	91	90	89	88	88	89	89	89	89	89	91	88	90	92	92	88·9	11·6
20	93	93	96	93	96	95	96	95	93	96	93	93	95	95	95	92	87	86	83	85	83	83	85	85	91·2	11·7
21	85	85	82	77	71	72	73	71	71	71	82	73	78	77	76	76	72	73	73	77	80	83	82	82	76·8	9·5
22	82	79	80	87	90	93	91	90	85	84	82	91	90	81	76	73	78	78	80	80	79	90	92	93	84·1	11·0
23	95	93	88	84	83	79	84	83	81	79	78	79	76	83	81	81	81	81	78	83	80	81	87	89	82·9	9·9
24	86	86	87	87	81	85	81	84	85	83	81	85	80	81	82	79	79	81	80	76	71	73	63	73	80·7	8·4
25	78	79	80	75	69	83	82	80	78	81	86	83	90	90	89	86	87	86	89	89	90	89	87	90	83·6	8·4
26	93	94	87	85	82	81	79	79	81	83	80	83	76	73	77	79	78	89	91	93	96	95	93	93	84·9	9·0
27	93	93	92	91	89	86	85	87	81	75	85	83	86	85	83	88	91	89	89	91	84	85	91	92	87·3	9·1
28	85	82	80	88	91	78	83	81	75	77	72	76	77	77	66	65	70	77	84	76	87	81	77	77	78·7	7·1
29	79	83	80	86	86	87	87	84	79	81	82	80	81	80	83	89	92	92	95	93	93	93	95	95	86·1	9·6
30	92	91	91	82	75	77	67	69	73	81	78	65	70	67	70	70	76	82	75	73	75	72	84	79	**76·7**	7·4
31	79	76	78	91	83	76	83	82	85	79	83	83	75	76	68	83	77	85	79	82	79	73	81	86	79·9	**6·7**
Mean ...	88·1	88·1	87·7	**88·3**	87·0	87·3	87·2	86·7	86·5	86·4	86·4	85·4	85·9	**84·9**	85·3	86·4	86·5	87·1	87·0	86·9	87·2	87·5	87·6	87·8	86·9	†10·0
Vapour Pressure* ...	mb. 10·0	mb. 9·9	mb. 10·0	mb. 9·9	mb. 9·9	mb. 9·9	mb. 9·8	mb. **9·7**	mb. **9·7**	mb. **9·7**	mb. 9·9	mb. 10·0	mb. **10·2**	mb. **10·2**	mb. 10·1	mb. 9·9	mb. 9·9	mb. 9·8	mb. 9·8	mb. 9·8	mb. 9·8	mb. 9·9	mb. 9·9	mb. 9·9	mb. ‡9·9	

Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

HUMIDITY: ANNUAL MEANS OF HOURLY VALUES.

From the monthly means for exact hours, Greenwich Mean Time.

327. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres. **1924.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24	Mean
Relative Humidity	% 85·7	% **85·8**	% 85·8	% 85·8	% 85·6	% 85·8	% 85·4	% 84·6	% 83·9	% 82·5	% 81·6	% 80·6	% 80·1	% **79·8**	% 80·0	% 79·9	% 80·4	% 81·8	% 83·0	% 84·1	% 84·5	% 84·8	% 85·1	% 85·4	% 83·4
Vapour Pressure in millibars ...	mb. 10·2	mb. 10·2	mb. 10·1	mb. 10·1	mb. **10·1**	mb. 10·2	mb. 10·2	mb. 10·3	mb. 10·4	mb. 10·6	mb. 10·8	mb 10·8	mb. 10·9	mb. 10·9	mb. **10·9**	mb. 10·8	mb. 10·7	mb. 10·7	mb. 10·6	mb. 10·5	mb. 10·4	mb. 10·4	mb. 10·3	mb. 10·3	mb. 10·5

RELATIVE HUMIDITY: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

328. Cahirciveen (Valencia Observatory) : North Wall Screen : h_t = 1·3 metres. **1924.**

Month.	Mean.	Hour. G M T 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Jan.	86·0	+0·4	−0·1	−0·5	−0·3	−0·2	+0·7	+0·9	**+1·9**	+1·3	+0·6	+0·1	−0·4	−1·0	−1·7	**−2·6**	−2·2	−1·5	−0·8	+1·3	+1·7	+1·1	+0·8	+0·3	+0·4
Feb.	81·0	+1·6	+1·5	+1·4	+2·1	+1·6	**+2·6**	+2·1	+2·0	+1·5	−0·2	−0·9	−2·4	−3·2	−3·4	−3·8	**−3·8**	−3·5	−0·6	−0·1	+0·2	+1·3	+1·3	+1·3	+1·3
Mar.	**77·5**	+1·8	+2·6	**+2·7**	+1·5	+1·0	+1·7	+1·6	+1·8	+1·7	−0·3	−2·9	−4·2	**−4·5**	−3·4	−2·6	−3·2	−2·0	−1·0	+0·5	+0·3	+1·1	+1·7	−2·4	+1·5
April	78·6	+3·7	+3·9	+4·1	+4·2	+3·6	**+4·4**	+4·3	+2·6	+1·9	−0·9	−2·8	−4·5	−5·7	−5·7	**−6·6**	−5·8	−4·4	−2·7	−1·4	+0·7	+0·4	+1·2	+2·3	+3·1
May	80·4	**+4·3**	+4·3	+3·9	+4·1	+3·4	+2·6	+1·5	−0·3	−1·7	−3·0	−3·3	−3·8	−4·2	−4·7	−3·7	4·9	**−5·3**	−2·5	−1·3	+1·6	+2·4	+3·0	+3·9	+3·6
June	**87·3**	+3·1	+2·9	+3·1	+3·1	**+3·5**	+2·6	+1·7	+0·1	−1·4	−2·3	−2·1	−2·5	−3·2	−3·1	−2·7	**−4·3**	−4·0	−2·9	−1·4	0·0	+1·5	+1·9	+3·0	−3·3
July	86·4	+2·8	+3·1	**+3·6**	+3·4	+3·2	+2·7	+2·1	+0·5	−0·1	−0·9	−1·4	−1·8	−2·5	−3·4	−4·0	−3·4	**−5·0**	−3·3	−2·0	−0·1	+0·9	+1·5	+1·7	+2·4
Aug.	84·6	+3·8	+4·2	+3·8	+3·8	+3·5	**+4·2**	+2·9	+1·1	+0·2	−1·4	−3·1	−4·1	−4·9	**−5·3**	−4·2	−5·2	−4·8	−3·8	−1·6	+1·1	+1·9	+2·8	+2·3	+2·8
Sept.	83·7	+0·9	+0·7	+0·9	+0·8	+2·0	+2·4	**+3·0**	+1·8	+0·9	−1·1	−1·9	−2·7	−2·3	−2·4	−2·7	**−3·2**	−2·1	−1·2	+0·3	+1·3	+1·7	+0·4	+0·8	−1·4
Oct.	84·8	+2·1	+2·6	**+2·9**	+2·9	+2·7	+2·1	+1·9	+2·1	+1·1	−0·5	−2·5	−3·3	−4·1	**−5·1**	3·9	−3·6	−2·1	−0·9	+0·1	+0·7	+1·1	+1·2	+1·3	+1·1
Nov.	83·8	+1·3	+1·5	+1·5	+1·5	+1·7	+1·6	**+1·7**	+0·9	+0·9	−0·2	0·5	−2·3	**−3·1**	−3·1	−2·5	−1·9	−1·3	−0·5	+0·6	0·0	−0·4	+0·5	−0·9	+1·5
Dec.	86·9	+1·2	+1·2	+0·8	**+1·3**	+0·1	+0·4	+0·3	−0·2	−0·3	−0·5	−0·5	−1·5	−1·0	**−1·9**	−1·6	−0·5	−0·4	+0·2	+0·1	+0·1	+0·3	+0·7	+0·7	+1·0
Year	83·4	+2·3	**+2·4**	+2·3	+2·4	+2·2	+2·3	+2·0	+1·2	+0·5	−0·9	−1·8	−2·8	−3·3	**−3·6**	−3·4	3·5	−3·0	1·7	−0·4	+0·6	+1·1	+1·4	+1·7	+1·9

RAINFALL: ANNUAL TOTALS OF HOURLY VALUES.

Amounts, in millimetres; durations in hours for periods of sixty minutes between the exact hours, Greenwich Mean Time.

329. Cahirciveen (Valencia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) − h_r (height of receiving surface above ground) = 9·1 metres +0·5 metres. **1924.**

G.M.T.	0 to 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	21 to 22.	22 to 23.	23 to 24.	0 to 24.
Amount	mm. 60·0	mm. 52·0	mm. 57·4	mm. 59·9	mm. 78·2	mm. 77·6	mm. 76·5	mm. **47·7**	mm. 66·4	mm. 61·8	mm. 52·9	mm. 53·1	mm. 65·4	mm. 58·3	mm. 54·7	mm. 74·0	mm. 67·8	mm. **88·2**	mm. 68·5	mm. 82·4	mm. 73·7	mm. 70·2	mm. 60·5	mm. 68·0	mm. 1575·2
Duration	hr. 33·7	hr. 33·0	hr. 30·9	hr. 29·8	hr. 35·2	hr. 36·7	hr. 37·8	hr. 32·1	hr. 35·2	hr. 29·9	hr. 30·5	hr. 30·2	hr. 31·0	hr. **29·0**	hr. 32·1	hr. 32·3	hr. 31·2	hr. 37·0	hr. 38·0	hr. **39·2**	hr. 35·3	hr. 30·2	hr. 31·4	hr. 34·5	hr. 796·2

330. Cahirciveen (Valencia Observatory). NOTES ON RAINFALL. **1924.**

Notable Falls of the Year.—The most notable fall of rain during 1924 was between 15 h. 50 m. on the 8th February and 2h. on the 9th, when 52 mm. (2·1 in.) was recorded. Of this amount 25 mm. (1 in.) fell during an interval of approximately 2 hours 50 minutes from 19 h. 50 m. On the 17th June 32 mm. (1·3 in.) fell between 16 h. 40 m. and 21 h. 20 m., 12 mm. (·4 in.) of this total being registered in the first 40 minutes. On the 1st July 28 mm. (1·1 in.) fell between 11 h. 45 m. and 17 h. 30 m.; and on the 8th January 20 mm. (·8 in.) was recorded between 3 h. and 8 h.

Dry Periods.—During 1924 there was only one dry period of more than six days. This covered the period from the 26th March to the 7th April, 13 days.

Wet Periods.—The first fifteen days of January were part of a period of 18 days commencing 29th December, 1923, on all of which rain was recorded. Other prolonged periods during which no day passed without rain falling were:—23rd April to 11th May, 19 days; 5th September to 24th September, 20 days; 21st November to 9th December, 19 days.

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

331. Cahirciveen (Valencia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **January, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·1	·1	·1	·2	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	0·7	1·1
2	·4	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	1·2	1·0
3	...	...	...	...	...	...	·2	·4	·4	·7	·6	·6	·7	·5	·6	...	...	...	...	...	...	...	...	...	4·7	6·7
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	...	...	...	0·3	0·5
5	·2	·2	·1	...	...	...	...	...	...	...	·4	...	·4	·2	·2	...	·2	...	·1	...	·1	...	...	·2	2·3	2·6
6	·1	·3	...	...	...	...	...	·6	·1	·1	·3	·3	...	·7	...	...	1·0	·4	2·4	2·0	·1	...	...	...	8·4	5·0
7	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·1
8	...	...	·3	3·6	3·2	5·0	4·3	2·8	1·6	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	**21·0**	5·9
9	...	...	·1	·7	1·0	·8	1·2	·6	·1	·3	...	...	·2	...	...	...	...	·8	4·6	·6	...	...	·5	...	11·5	6·9
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	·5	·2	1·7	0·9
11	...	...	...	·3	...	·9	·1	...	...	...	·2	...	·1	...	·5	1·6	·3	...	1·7	·9	...	1·2	...	...	7·8	3·7
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·4	1·1	·6	·6	·8	·9	1·8	6·4	7·0
13	1·6	·4	1·3	3·0	3·1	1·6	·6	·4	·4	...	...	...	...	·1	·2	...	...	...	...	...	...	...	...	...	12·7	**7·5**
14	...	...	...	·7	·8	·1	...	...	...	...	...	1·2	1·1	3·1	1·2	2·1	·9	3·2	...	...	...	...	...	...	14·4	5·9
15	...	...	·4	2·1	4·3	·8	·9	...	·2	...	...	1·7	·2	...	...	...	...	...	...	...	...	...	...	...	10·6	4·0
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	·2	...	...	...	...	...	...	...	·2	...	...	...	·2	·2	...	...	·6	1·2	1·2	·6	·4	...	...	...	4·8	4·2
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	...	1·6	2·2	0·4
19	...	·4	·2	...	...	...	...	...	...	...	...	·2	·1	1·3	...	...	...	...	·3	·1	...	·3	...	·1	3·0	2·0
20	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	·1	3·9	3·1	1·5	·7	·4	10·8	5·3
21	...	...	·2	...	...	...	2·3	1·7	2·8	1·1	·5	...	·6	·9	·1	...	...	·2	·2	·3	·6	...	...	...	11·5	6·9
22	...	...	...	...	...	...	·3	·8	1·8	2·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·0	1·8
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	2·6	2·7	3·9	2·6	·4	...	...	12·5	4·8
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·3	·5	...	...	·6	...	...	...	...	5·4	0·9
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·4	·3	1·6	·5	...	2·9	2·3
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	·1	·1	·1	...	0·6	1·0
29	...	·1	...	·2	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·8
30	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	·2	·1	...	...	·3	...	0·8	0·9
31	...	...	...	...	...	...	...	·3	·2	·6	·7	·3	...	...	...	...	...	...	...	...	...	...	...	...	2·1	2·2
Sum.	2·6	2·1	2·9	10·8	12·6	9·3	9·9	7·6	7·8	4·9	2·9	4·3	3·6	7·0	2·8	9·0	3·8	9·8	**14·9**	14·4	8·3	6·9	3·5	4·3	166·0	92·3
Total Duration.	hr. 2·0	hr. 2·7	hr. 2·8	hr. 4·9	hr. 5·1	hr. 3·9	hr. 4·5	hr. 4·2	hr. 3·4	hr. 2·6	hr. 2·9	hr. 2·7	hr. 3·0	hr. 4·3	hr. 2·3	hr. 2·8	hr. 3·3	hr. 4·8	**7·6**	hr. 6·7	hr. 5·7	hr. 4·4	hr. 3·3	hr. 2·4	hr. 92·3	

332. Cahirciveen (Valencia Observatory) : H_r = 9·1 metres + 0·5 metre. **February, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	1·0	·1	·1	...	...	...	...	...	...	...	...	...	...	...	·2	...	·4	...	...	1·8	1·2
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	0·2	0·2
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	0·3	0·2
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	·1	...	...	·1	...	...	...	...	...	...	...	...	...	...	·2	...	·1	·1	...	0·6	1·0
8	...	...	·1	·1	·4	4·4	2·8	2·2	·1	2·4	...	...	...	...	...	·4	1·7	1·8	3·7	6·5	9·6	9·8	7·4	6·9	**60·8**	**12·5**
9	3·7	1·8	·3	...	...	...	...	·3	...	...	...	...	...	...	...	·3	...	...	...	...	...	·6	·4	...	7·4	3·3
10	1·4	1·4	1·6	·8	·5	·7	·5	2·4	·4	...	...	...	...	...	1·0	2·0	...	...	...	...	...	...	...	...	12·7	7·2
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	1·1	...	...	...	...	...	1·3	0·6
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·2	...	...	...	...	0·4	0·4
15	...	...	...	·2	·2	·8	·4	·2	...	·2	...	...	...	...	...	...	...	...	...	·1	·2	1·5	...	...	3·8	2·3
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	·3	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·6
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·3
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	0·2	0·4
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	0·3	0·3
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	·5	...	...	0·6	0·4
29	...	...	...	...	...	...	·2	·1	·1	...	...	...	...	·8	·1	·1	...	·2	...	·1	...	...	...	·2	1·9	1·6
Sum.	5·4	3·5	2·0	1·1	1·1	7·0	4·0	5·3	0·7	2·8	...	...	...	0·8	1·1	2·8	1·7	2·3	5·0	7·3	10·1	**12·9**	8·0	7·7	92·6	32·5
Total Duration.	hr. 1·9	hr. 2·3	hr. 1·4	hr. 1·2	hr. 1·2	hr. 2·4	hr. 1·7	**2·8**	hr. 1·0	hr. 1·0	...	...	...	hr. 0·3	hr. 0·4	hr. 1·4	hr. 1·0	hr. 1·6	hr. 1·6	hr. 1·9	hr. 1·5	hr. 2·6	hr. 1·6	hr. 1·7	hr. 32·5	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

333. Cahirciveen (Valencia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **March, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	·2	...	...	·2	...	...	...	·2	·1	...	0·9	0·8
2	...	...	...	...	·1	...	...	...	...	...	...	·2	...	...	·1	·2	...	...	...	...	...	·3	·5	...	1·4	1·5
3	...	...	...	...	...	...	·3	·2	·2	·2	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	1·4
4	·8	1·2	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	4·5	2·3
5	2·1	1·2	...	·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·7	1·4
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	0·1	0·2
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	·9	·4	·3	·1	...	...	...	...	...	2·5	2·1
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	0·3	0·2
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	·2	·6	·2	·2	1·9	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	3·7	2·6
12	...	·1	...	...	...	...	...	·1	...	...	...	...	·3	·4	·7	...	·9	1·8	·8	1·0	·7	...	·1	1·7	**8·6**	**6·7**
13	1·1	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	0·9
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	·1	...	0·3	0·6
21	...	...	...	...	·2	...	·2	·7	2·4	2·2	...	...	...	...	...	...	...	...	...	...	...	·2	·2	...	6·1	3·0
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·4	·2	...	·3	...	...	...	·1	1·1	1·2
23	·4	·1	·1	...	·2	·2	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	·3	·1	·3	·1	2·0	2·6
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	1·0	·3	·9	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·3	2·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	4·4	2·9	0·7	0·4	1·9	1·1	1·7	1·4	**4·5**	2·9	0·5	0·2	0·3	0·4	2·1	1·2	1·7	2·6	1·0	1·4	1·0	0·8	1·3	3·9	40·3	29·8
Total Duration.	hr. **2·5**	hr. 1·7	hr. 0·6	hr. 0·4	hr. 1·7	hr. 1·0	hr. 1·8	hr. 1·8	hr. 2·0	hr. 1·4	hr. 0·4	hr. 0·2	hr. 0·3	hr. 0·3	hr. 1·3	hr. 0·9	hr. 1·5	hr. 1·6	hr. 1·4	hr. 1·5	hr. 1·0	hr. 0·9	hr. 1·5	hr. 2·1	hr. 29·8	

334. Cahirciveen (Valencia Observatory) : H_r = 9·1 metres + 0·5 metre. **April, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	·6	...	...	1·0	...	1·1	...	·1	...	...	·1	...	·2	...	·5	·4	4·0	2·2
9	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	·2	...	...	...	...	...	...	...	·2	·4	0·9	0·9
10	·1	...	·1	...	...	...	...	...	...	...	·8	·4	...	·4	...	...	...	...	...	...	...	...	...	...	1·8	1·3
11	...	...	...	...	...	...	...	1·1	2·1	·2	...	...	·4	·7	·3	·4	·2	...	·9	·3	·3	...	...	...	6·9	4·1
12	...	...	...	...	·6	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	0·3
13	1·4	·4	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·1	0·9
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	·7	·5	...	...	·2	·4	·1	...	...	...	...	...	...	...	...	...	1·9	1·6
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	3·1	...	...	...	...	...	...	3·8	1·2
24	...	·4	1·4	·3	·7	1·3	·6	1·0	4·2	·4	·2	...	2·6	...	...	...	...	...	...	...	...	...	2·1	·7	**15·9**	7·0
25	1·2	...	...	2·5	1·5	·2	·7	...	...	·8	...	...	·2	·7	·1	·3	...	...	...	...	·1	3·2	·6	·6	12·7	5·1
26	...	...	...	...	...	·2	·5	·1	...	...	...	...	...	...	·8	·5	·2	·2	·1	...	...	...	...	...	2·6	1·8
27	...	...	·9	·1	·6	2·0	2·0	1·3	1·0	1·0	·4	...	...	...	...	...	...	2·6	·1	...	...	...	·4	...	12·4	**7·8**
28	...	...	...	·1	·9	·2	·1	...	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	1·7	0·9
29	...	...	...	...	1·2	·4	·1	1·0	2·4	1·7	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	6·9	3·3
30	·2	·3	·6	·3	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	2·0
Sum.	2·9	1·1	3·3	3·3	5·5	4·5	4·0	4·5	**11·0**	4·6	1·4	1·5	3·9	3·3	1·5	1·3	1·1	5·9	1·2	0·3	0·6	3·2	3·8	2·1	75·8	40·4
Total Duration.	hr. 1·3	hr. 1·2	hr. 2·2	hr. 1·6	hr. 2·9	hr. 2·8	hr. 2·6	hr. 3·1	hr. **4·1**	hr. 3·2	hr. 1·2	hr. 0·9	hr. 1·7	hr. 2·2	hr. 1·2	hr. 1·1	hr. 0·8	hr. 1·6	hr. 0·6	hr. 0·2	hr. 0·4	hr. 0·8	hr. 1·5	hr. 1·2	hr. 40·4	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

335. Cahirciveen (Valencia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **May, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0·24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·4	...	...	...	...	·6	...	·1	...	...	·2	·1	...	...	...	...	...	...	...	·6	·9	·2	...	...	3·1	3·2
2	·1	·1	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·5
3	...	...	...	...	...	...	·3	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	0·8
4	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	·7	...	...	·3	1·0	...	...	...	2·6	1·1
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	0·3	0·3
6	...	...	...	...	...	...	...	...	...	...	·1	·9	·1	...	·3	...	...	·1	·1	·4	...	·1	·2	·1	2·4	2·2
7	·4	·4	·2	...	...	·1	...	...	...	...	...	...	·7	...	·1	...	...	...	...	...	·3	...	...	...	2·2	1·2
8	...	...	·8	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	0·4
9	...	...	...	...	...	·2	·4	1·8	2·1	1·3	·2	...	...	...	...	...	·1	1·4	·6	·2	...	...	·5	1·7	10·5	6·3
10	·4	·6	...	...	...	1·3	1·2	...	...	...	·5	·6	...	...	1·0	·4	...	...	...	...	...	·2	...	...	6·2	3·2
11	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	·5	1·7	·4	3·6	1·8	
14	·9	·1	...	...	...	·1	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	1·2
15	...	...	...	...	·5	...	1·5	...	1·5	...	...	·4	...	...	...	...	·2	...	·1	·1	·1	...	·1	·1	4·6	2·1
16	...	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·2
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	1·6	·4	...	...	...	...	...	1·4	1·7	·6	...	...	...	...	...	...	...	·1	·1	5·9	3·5
20	...	...	...	...	...	...	...	...	...	...	1·0	·1	2·1	·9	·2	...	·7	1·8	·9	...	...	...	...	...	7·7	4·1
21	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	·4	...	...	...	2·4	0·6
22	...	...	...	...	...	...	·5	·3	·7	·7	...	...	...	...	...	·2	...	...	...	...	·1	·1	...	·2	2·8	1·7
23	...	...	...	2·0	7·0	...	...	...	...	...	...	...	·9	...	·6	·2	...	...	...	...	...	...	...	...	**10·7**	1·8
24	...	...	...	...	...	·1	...	·5	...	...	·2	·1	·4	·3	·6	...	...	...	...	...	...	...	...	...	2·2	1·8
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	·8	...	...	...	...	...	...	...	·4	·5	·1	·6	1·3	·5	1·1	...	...	·1	5·4	4·8
27	1·0	·6	...	...	...	...	·7	...	1·0	·4	·4	...	...	...	...	...	...	·2	...	...	...	·9	·9	·3	6·4	**6·4**
28	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	0·4	0·5
29	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·4	1·0	...	...	...	...	2·2	2·1
30	...	...	...	...	...	...	·1	·4	1·6	2·9	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	5·1	1·5
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	3·3	2·1	1·4	2·4	**7·9**	4·0	6·5	3·5	7·0	5·3	3·3	2·2	5·6	2·9	3·8	1·3	1·8	4·8	3·4	5·0	4·9	2·3	3·5	3·0	91·2	53·5
Total Duration.	hr. 2·9	hr. 1·8	hr. 0·8	hr. 0·7	hr. 1·1	hr. 2·3	hr. **3·9**	hr. 2·3	hr. 3·0	hr. 1·9	hr. 2·6	hr. 1·7	hr 2·1	hr. 1·8	hr. 2·4	hr. 0·9	hr. 1·2	hr. 3·6	hr. 3·2	hr. 3·4	hr. 3·1	hr. 2·5	hr. 2·1	hr. 2·2	hr. 53·5	

336. Cahirciveen (Valencia Observatory) : H_r = 9·1 metres + 0·5 metre. **June, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	·1	·1	·3	·1	...	...	...	...	...	...	...	...	...	...	·1	...	·1	·2	·2	1·2	2·3
4	...	·8	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	0·9
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	...	...	·3	0·9	0·8
6	·4	·7	4·6	1·2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·1	2·8
7	...	...	...	...	·2	·1	...	·1	·4	1·6	1·7	·2	...	...	...	2·1	...	·1	...	...	...	...	...	...	6·5	4·0
8	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·1
9	...	...	...	...	...	...	...	...	...	...	1·1	·4	1·4	·8	2·2	·5	...	...	...	...	...	...	·7	...	7·1	4·4
10	·4	·6	...	·3	...	1·7	·7	·4	·6	1·5	·2	1·6	·7	·8	...	...	...	...	1·0	...	...	...	·3	4·7	15·5	**7·2**
11	1·4	·3	1·1	·6	...	...	...	·3	·1	1·7	2·1	...	·1	·3	·2	...	...	...	...	·2	...	...	...	...	8·4	4·2
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	·2	·1	...	...	...	0·6	1·2
15	...	...	·4	·2	1·9	1·4	·4	·5	·4	...	...	...	...	...	...	...	...	...	·5	·6	·6	·2	·2	·6	7·9	5·9
16	·4	·1	·7	·2	...	...	...	...	·1	...	...	...	...	...	...	...	...	3·0	1·7	1·8	1·3	·5	...	...	9·8	5·6
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	13·1	4·2	5·6	5·1	3·4	...	...	**33·4**	4·9
18	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	·9	2·1		3·1	1·4
19	·7	...	...	...	·3	·2	·1	·3	...	·3	...	·3	...	...	·4	...	...	...	...	...	...	...	...	...	2·6	2·0
20	...	...	...	...	·6	...	...	...	...	...	·2	·2	·3	...	·5	·1	·5	·3	...	...	...	...	...	...	2·7	2·1
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	1·2	...	...	...	...	...	...	...	...	1·5	0·7
22	...	...	...	...	...	...	...	...	...	...	...	...	·6	1·7	1·2	·2	...	·1	·2	...	...	·2	·4	·6	5·2	5·0
23	·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	0·4	1·0
24	...	·1	·1	·1	...	·1	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	0·5	1·3
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	·3	...	...	...	·2	·8	·9	·1	·1	·6	·7	·2	·2	...	...	...	1·2	1·7	1·0	·2	...	...	8·2	6·3
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	0·4	0·8
29	·5	·2	·1	...	·2	·2	·3	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	·1	·5	2·2	2·5
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	3·9	2·9	7·6	2·6	3·4	4·0	1·8	2·7	2·6	5·2	5·5	3·3	3·9	4·1	5·6	4·1	2·6	**16·6**	8·8	10·2	8·1	4·7	2·9	9·4	126·5	67·4
Total Duration.	hr. 2·7	hr. 2·8	hr. 3·9	hr. 2·0	hr. 2·1	hr. 2·6	hr. 1·3	hr. 2·5	hr. 3·1	hr. 2·8	hr. 2·8	hr. 2·3	hr. 3·3	hr. 3·4	hr. 3·5	hr. 1·6	hr. 0·8	hr. 2·1	hr. 3·6	hr. 4·1	hr. 4·0	hr. 2·5	hr. 3·0	hr. **4·6**	hr. 67·4	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

337. Cahirciveen (Valencia Observatory : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 meters + 0·5 metre. **July, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	·4	4·0	6·5	7·4	3·9	5·4	·8	...	...	...	...	·4	·4	**29·2**	6·5
2	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
3	...	...	...	...	...	...	...	...	...	·1	·5	·2	·1	·1	...	...	...	...	...	·2	...	...	...	...	1·2	1·3
4	·1	·4	...	3·4	·4	...	...	...	...	·6	...	1·0	...	...	...	...	...	...	...	...	...	·3	...	...	6·2	2·4
5	...	...	1·0	...	·1	...	...	·3	1·7	2·3	2·9	4·6	1·4	...	...	...	...	...	...	...	...	...	...	...	14·3	4·4
6	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	0·8	0·5
7	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·3
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	·2	1·0	1·6	·2	...	...	...	4·4	2·6
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·2	...	0·4	0·6
10	2·0	·9	1·7	...	...	·6	·6	...	·4	·4	1·4	·4	·6	·3	...	...	...	...	...	...	...	...	...	...	9·3	5·6
11	·2	...	·2	...	...	·3	...	...	...	...	·1	·4	·3	...	...	...	...	...	...	...	...	...	...	...	1·5	1·8
12	...	...	...	...	...	...	...	...	...	2·7	·3	...	...	...	...	·2	·3	...	...	...	...	...	...	...	3·5	1·0
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	...	...	...	...	0·6	0·4
15	1·5	3·0	2·6	1·5	2·0	·4	·4	·3	·1	...	·1	·1	...	·1	...	...	...	...	...	...	...	·1	2·3	...	14·5	6·6
16	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·1
17	...	...	...	...	...	1·1	1·3	2·7	1·0	·3	...	·3	...	...	...	·2	...	...	...	...	...	...	...	...	6·9	3·7
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	·1	5·7	1·7	1·7	...	·4	1·4	·3	11·4	4·1
20	2·3	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·8	1·0
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
24	...	...	...	...	...	...	...	...	...	·4	1·0	·5	...	...	...	...	...	...	...	·3	·2	·3	·8	·2	3·7	3·6
25	·2	·1	·2	1·0	...	·1	1·5	·3	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	3·5	2·9
26	...	...	...	...	...	...	·7	...	...	...	·5	·2	...	...	...	...	...	...	...	...	...	...	...	...	1·4	0·9
27	...	...	...	...	...	...	...	...	...	...	·1	...	...	1·2	1·3	...	...	...	1·1	1·4	·4	5·0	0·2	4·5	21·2	**6·7**
28	·1	...	...	...	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·4
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	·1	...	...	...	...	...	...	...	·1	...	...	...	...	...	·1	...	...	...	...	...	0·3	0·6
31	...	...	·3	·1	...	...	·1	...	·5	...	·6	...	...	...	...	...	...	...	·3	...	...	...	...	...	1·9	1·9
Sum.	6·8	4·9	6·0	6·0	3·2	2·5	4·7	3·6	4·0	6·9	7·5	8·2	6·5	8·2	8·7	4·9	7·3	6·7	4·2	5·2	0·8	6·1	**11·3**	6·1	140·3	60·3
Total Duration.	hr. 3·4	hr. 2·4	hr. 2·6	hr. 2·5	hr. 1·7	hr. 1·5	hr. 2·4	hr. 1·8	hr. 3·1	hr. 3·3	hr. **4·8**	hr. 4·0	hr. 2·9	hr. 1·9	hr. 2·0	hr. 1·8	hr. 2·2	hr. 1·8	hr. 2·5	hr. 2·6	hr. 1·4	hr. 2·2	hr. 3·2	hr. 2·3	hr. 60·3	

338. Cahirciveen (Valencia Observatory) : H_r = 9·1 metres + 0·5 metre. **August, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	·5	2·3	...	·2	·2	·5	...	...	1·0	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	4·9	2·3
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	·5	·8	4·4	·1	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·1	2·9
4	...	...	·5	·3	...	...	...	·4	1·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	2·6	1·7
5	...	...	...	...	·2	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·5
6	...	...	...	...	·2	...	...	·6	·5	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	1·9
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·3	...	0·7	1·1
11	·3	·3	...	·1	...	...	·1	·1	...	...	·3	·2	...	...	...	...	...	·8	...	·2	...	...	...	...	2·4	1·7
12	...	...	...	·4	·6	1·3	1·5	...	...	...	...	·1	...	...	...	...	...	·5	...	·3	...	...	...	...	4·7	2·2
13	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·6	2·8	1·0
14	1·0	1·6	·9	3·4	3·0	·6	...	...	...	...	...	...	·7	...	...	...	...	...	·7	...	·6	...	...	...	12·5	6·0
15	1·2	·1	...	1·3	...	...	...	...	·4	...	...	...	...	·7	...	·9	...	...	·9	6·3	2·3	1·0	...	·4	15·5	5·3
16	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	1·6	3·1	1·7
17	2·6	1·7	·2	·2	·2	...	·1	·2	...	...	·6	1·6	·2	2·0	1·2	...	...	·1	...	...	...	1·2	·3	...	12·4	6·2
18	...	·1	...	...	·1	·4	·1	...	·5	...	·7	...	...	...	...	...	...	...	·4	·7	1·1	1·1	·2	·1	5·5	3·1
19	...	·1	·1	·3	1·8	1·6	1·9	·3	·1	...	...	·2	·2	...	·3	·5	·3	1·1	...	·5	·7	·3	...	...	10·3	4·4
20	...	...	·3	·2	...	1·0	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	2·9	1·5
21	...	...	·3	...	...	·5	1·5	·1	...	...	·7	·4	...	...	·2	...	...	...	·5	·7	·5	...	...	...	5·4	3·3
22	·2	·3	...	...	...	·5	·1	·3	2·5	·6	...	...	...	...	...	...	...	...	...	·3	...	·2	...	·2	5·2	2·0
23	·1	...	...	·1	·6	...	1·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·3	1·0
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	·4	·2	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	0·9
26	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	·1	...	...	...	...	0·2	0·2
27	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	0·2	0·3
28	...	...	...	...	·4	1·5	2·3	1·0	1·1	5·7	3·0	3·4	·2	...	...	·1	...	...	...	·2	...	...	·2	...	**19·1**	**7·0**
29	...	...	...	...	·1	·1	...	...	...	...	...	·2	·7	·4	...	1·1	·3	...	...	...	...	...	·2	·2	3·3	2·2
30	·1	...	...	...	...	...	...	...	...	...	...	...	·3	·5	·2	...	...	...	...	...	·8	·1	·3	...	2·3	1·5
31	...	...	...	...	...	·1	·1	...	...	...	...	·1	...	...	...	...	...	·1	·1	...	...	...	...	...	0·5	0·6
Sum.	6·1	4·7	4·6	6·7	8·1	8·8	**15·4**	3·2	6·7	7·5	5·3	6·2	2·3	3·7	2·0	2·7	0·6	2·6	2·6	9·4	6·0	4·2	2·8	5·5	127·7	62·5
Total Duration.	hr. 3·6	hr. 2·9	hr. 2·8	hr. 2·9	hr. 4·1	hr. 5·3	hr. **6·0**	hr. 3·0	hr. 3·0	hr. 1·7	hr. 2·0	hr. 2·4	hr. 1·6	hr. 1·9	hr. 1·3	hr. 1·2	hr. 0·5	hr. 1·1	hr. 1·9	hr. 3·1	hr. 2·7	hr. 2·0	hr. 2·2	hr. 3·3	hr. 62·5	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5 6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

339. Cahirciveen (Valencia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **September, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	·1	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	·3	·7	1·4	2·0
2	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	·6	1·3	2·2	1·6
6	·2	...	...	...	...	...	...	·3	·3	·2	...	·2	...	...	·9	1·3	·6	...	...	·3	·2	...	·2	...	4·7	3·1
7	·3	·2	...	...	7·6	6·1	·1	...	...	...	...	·9	2·5	3·8	...	...	...	...	...	...	·2	...	...	...	21·7	4·0
8	...	...	...	...	...	...	...	...	...	...	...	·8	·6	...	...	...	·1	...	...	·2	...	...	...	...	1·7	1·7
9	...	·5	·1	...	1·6	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	...	...	...	...	...	2·5	1·0
10	...	...	...	...	·2	·1	·3	...	...	·2	·4	·4	2·1	2·0	1·0	2·0	2·2	·6	1·5	·5	·2	...	...	...	13·7	9·7
11	...	...	...	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	·2	·1	·3	·3	1·8	1·7
12	·1	...	...	...	...	...	·8	...	...	·5	...	·5	...	...	...	...	...	...	·6	·1	...	...	·1	...	2·7	1·5
13	...	...	...	...	...	·2	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	·1	...	...	...	0·5	0·6
14	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
15	...	...	...	...	...	...	...	...	...	...	1·3	·8	·8	·1	...	·2	...	...	...	...	...	...	...	...	3·2	3·1
16	...	...	...	...	...	...	·3	1·0	·2	...	...	...	...	...	·2	·5	1·2	·1	...	·1	...	...	·3	·3	4·2	5·3
17	·7	1·1	·3	·2	·4	·1	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	3·0	2·7
18	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
19	...	...	...	...	...	...	·4	...	...	...	...	·7	1·8	3·6	3·6	5·3	3·7	1·7	·1	...	...	...	...	...	20·9	6·5
20	...	...	...	...	...	...	·6	·1	...	·2	1·8	...	·5	·9	1·4	·1	...	...	...	...	...	...	...	...	5·6	3·1
21	·3	...	...	...	...	...	...	...	·9	...	...	...	...	...	...	...	2·0	4·0	...	1·2	4·0	·2	·7	·4	13·7	3·4
22	...	·1	...	·5	·7	·4	·2	...	...	·2	2·0	·2	3·0	1·9	2·4	6·8	5·6	1·7	2·2	1·2	·4	·2	·3	3·4	**33·4**	8·6
23	·5	·2	...	...	·2	·7	·3	·8	·9	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	3·8	2·8
24	...	...	·7	·4	·1	2·0	·5	·6	1·2	2·0	·6	1·5	·7	·7	·2	...	1·3	·1	...	...	...	...	...	...	12·6	8·1
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	·6	2·3	1·8	2·7	2·8	2·6	1·8	1·5	1·1	1·6	·8	·3	·7	20·6	10·6
29	1·4	2·0	·9	·3	1·5	3·2	·3	1·1	2·4	·2	·1	·1	·5	·3	...	...	...	...	...	·6	1·8	5·0	1·2	·6	23·5	**11·3**
30	...	...	...	...	...	...	...	·1	·5	...	·5	·1	...	...	...	...	...	...	...	...	...	...	...	...	1·2	0·7
Sum.	3·7	4·3	2·0	2·1	12·3	12·8	3·8	4·0	6·4	3·6	7·2	6·8	15·0	15·3	12·4	19·0	**19·5**	10·1	6·1	5·4	8·9	6·3	4·3	7·7	199·0	93·7
Total Duration.	hr. 2·2	hr. 3·3	hr. 1·1	hr. 1·5	hr. 3·1	hr. 3·4	hr. 3·6	hr. 3·2	hr. 3·9	hr. 2·7	hr. 3·4	hr. 5·5	hr. **6·8**	hr. 5·9	hr. 5·9	hr. 5·5	hr. 6·3	hr. 4·0	hr. 3·0	hr. 4·3	hr. 4·2	hr. 2·1	hr. 4·5	hr. 4·3	hr. 93·7	

340. Cahirciveen (Valencia Observatory) : H_r = 9·1 metres + 0·5 metre. **October, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	0·3	0·3
2	·1	...	...	...	·2	3·5	·2	·1	·1	...	...	...	...	...	...	...	·7	·2	·2	...	...	...	...	·2	5·5	3·5
3	...	...	1·1	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	0·5
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	...	·4	...	0·9	0·4
5	·2	·5	·8	2·8	1·5	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	·6	...	...	...	...	6·9	4·6
6	...	...	...	·2	·1	·2	·4	1·7	...	...	·2	...	...	...	...	·5	·2	·5	·1	...	...	...	...	...	4·1	2·7
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	0·1	0·2
8	...	...	...	·1	...	...	...	·3	·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	0·8
9	...	...	...	...	...	·4	·5	1·2	3·8	6·6	2·0	·4	...	...	...	...	...	·4	·4	·5	·3	·4	...	...	16·9	7·2
10	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	1·4	·3	...	...	2·3	0·8
11	...	...	...	·3	...	...	...	...	...	...	...	·1	·5	...	·9	4·0	1·5	...	·1	...	...	...	...	...	7·4	2·7
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	...	...	...	·6	1·4	...	·6	...	...	3·7	1·6
13	...	·3	1·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·2	1·0
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	·4	...	...	...	·1	...	...	·2	...	...	...	...	...	...	·4	·4	·1	...	...	...	1·6	2·3
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	0·2	0·4
18	...	...	...	·4	·8	·2	·3	·7	1·5	1·5	1·0	1·9	1·7	·5	·9	1·5	2·2	1·2	·8	·6	·6	...	...	...	18·3	**15·3**
19	·1	...	·2	·7	...	·1	...	·2	...	...	...	...	...	...	...	·1	...	...	...	·3	...	...	·3	...	2·0	2·3
20	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2
21	·6	1·2	1·2	·5	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·1	2·8
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·9	2·1	1·3	·9	·2	·7	6·2	5·0
25	·5	1·3	·2	·6	1·7	2·2	1·1	·3	·1	·9	1·0	1·6	2·7	·5	·5	1·3	1·5	1·1	...	...	...	...	...	...	**19·1**	14·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	5·9	2·8	1·2	·8	3·0	...	...	...	...	·1	·6	1·0	...	...	...	...	...	...	15·4	4·5
28	...	...	...	·1	·4	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	0·7	0·5
29	...	...	...	...	·1	·7	4·8	1·4	1·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·8	2·3
30	...	2·7	·2	·8	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	...	...	4·6	1·5
31	...	...	...	...	...	...	...	...	...	...	...	·5	·5	...	...	...	...	...	...	...	...	...	...	...	1·0	0·9
Sum.	1·5	6·0	5·6	7·0	6·0	7·8	**13·3**	8·7	9·1	9·9	7·2	4·7	5·4	1·0	3·4	7·5	6·7	4·7	3·8	5·9	4·3	2·2	1·8	1·1	134·6	78·6
Total Duration.	hr. 2·5	hr. 3·6	hr. 4·0	hr. 4·5	hr. 3·9	hr. 4·2	hr. 3·9	hr. **5·0**	hr. 4·9	hr. 3·3	hr. 4·2	hr. 3·1	hr. 2·6	hr. 1·3	hr. 2·5	hr. 3·4	hr. 3·4	hr. 3·1	hr. 3·9	hr. 4·0	hr. 3·2	hr. 1·7	hr. 1·0	hr. 1·4	hr. 78·6	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	

Amounts in millimetres for periods of sixty minutes between the exact hours, Greenwich Mean Time.

341. Cahirciveen (Valencia Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 9·1 metres + 0·5 metre. **November, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	·3	2·2	·5	2·8	2·2	1·0	·2	·4	·8	...	...	...	...	...	2·2	...	...	...	...	12·6	5·5
2	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	·1	...	·4	...	...	·1	·2	1·1	1·1
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	0·3	0·2
9	...	·6	...	·5	·8	·3	·8	...	...	·3	1·1	...	...	...	...	...	·1	1·6	...	1·3	·8	1·3	...	...	9·5	5·9
10	...	...	...	...	·8	·5	...	...	...	...	...	...	...	...	·1	...	...	...	...	·3	4·0	3·4	·2	...	9·3	3·2
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	0·3
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	·6	·2	·6	...	·6	·2	1·2	·7	·6	5·5	6·0
14	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·2
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·1	0·1
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	·3	·4	0·8	1·3
22	...	...	...	...	·2	1·0	·4	...	·4	1·7	2·8	2·0	·9	·2	·2	·6	·3	·1	...	...	·1	·2	...	...	11·1	8·8
23	...	...	...	...	...	...	...	...	...	·4	2·3	·6	2·0	2·6	·6	·3	·3	·4	·5	·1	·4	·2	...	...	10·7	10·1
24	...	·2	...	...	...	...	...	...	1·5	·3	·2	·2	...	...	·5	·8	2·2	3·2	2·8	2·7	3·0	3·2	2·9	2·6	**26·3**	**10·2**
25	1·8	1·1	·2	·1	·1	·1	...	...	...	...	...	·1	·4	...	·1	...	...	·3	...	...	...	...	1·3	...	5·6	2·6
26	1·5	1·0	2·7	1·7	·1	...	·3	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·8	3·6
27	·2	·8	·3	·6	·8	·4	...	...	...	...	...	...	...	...	·2	...	...	·1	...	...	...	...	...	...	2·8	3·2
28	...	...	·2	...	...	...	...	...	...	...	·3	·6	·6	·9	2·0	3·5	8·4	·5	·2	...	·1	·1	...	·2	17·6	7·1
29	·1	...	...	...	·4	...	...	...	...	...	...	...	...	...	...	...	...	1·0	1·0	·4	...	...	·2	...	3·1	1·7
30	·1	·1	2·6	...	·1	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	3·9	1·3
Sum.	3·7	4·2	6·0	2·9	3·3	2·6	4·0	1·2	4·8	4·9	7·7	3·7	4·3	4·5	4·5	6·8	**11·5**	7·9	4·6	8·0	8·6	9·6	6·0	4·1	129·4	72·4
Total Duration.	hr. 1·8	hr. 2·8	hr. 2·7	hr. 2·2	hr. 2·8	hr. 1·9	hr. 2·7	hr. 1·1	hr. 1·9	hr. 3·8	hr. 3·7	hr. 3·0	hr. 3·3	hr. 2·8	hr. 4·4	hr. **4·7**	hr. 3·8	hr. 4·4	hr. 2·7	hr. 3·0	hr. 3·6	hr. 3·9	hr. 2·8	hr. 2·6	hr. 72·4	

342. Cahirciveen (Valencia Observatory) : H_r = 9·1 metres + 0·5 metre. **December, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	·3	2·5	1·0	1·9	2·8	·8	·5	·4	1·0	·6	·1	...	·2	1·3	3·0	3·0	1·8	3·0	·7	·3	·3	·1	25·6	**13·0**
2	·2	·9	2·6	...	·2	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·3	1·2
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	0·2	0·4
4	1·0	3·1	3·3	6·7	8·6	1·5	·2	·2	...	...	...	...	...	·2	1·0	·8	1·0	1·2	·7	...	...	...	...	...	**29·5**	10·7
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	·1	...	·1	...	...	...	·1	·3	1·8	0·9
6	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·2
7	...	...	...	...	...	...	·3	...	...	...	·1	...	...	...	1·4	2·7	1·9	2·0	1·4	...	...	...	...	...	9·8	4·6
8	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·7	1·7	...	...	...	...	...	...	...	...	2·5	2·0
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	0·1	0·2
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	·2	·8	·4	·2	·5	2·4	3·2
12	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	·2	·4	...	...	...	...	·3	·1	...	...	1·5	2·1
13	·6	·6	3·3	2·5	1·7	3·9	1·7	...	...	...	...	1·2	·3	·2	...	...	...	·2	...	·1	·4	·5	...	...	17·2	6·8
14	...	·1	...	·2	...	...	...	...	·2	...	...	...	...	...	...	...	...	·1	...	...	...	1·6	2·8	4·2	9·2	3·1
15	2·9	2·5	1·7	...	...	·1	...	·1	...	1·6	...	2·2	3·4	·5	·6	2·8	·3	·2	...	...	...	...	...	...	18·9	7·0
16	·3	...	...	...	...	1·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·4	2·1	1·3
17	·3	...	·1	·1	·1	·1	·1	...	...	...	...	·1	·2	...	...	...	...	...	...	...	...	·1	·2	·1	1·5	2·9
18	...	...	...	...	...	...	...	·1	·1	·1	·4	1·4	3·3	...	...	...	...	...	...	...	...	...	...	...	5·4	2·7
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	·1	·1	...	·2	...	...	·2	...	·1	·1	...	...	...	...	...	...	...	...	...	...	0·8	1·2
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	·4	·5	2·9	1·2	...	...	...	...	4·0	1·8	1·4	·1	...	...	...	...	...	...	1·5	1·0	1·6	16·4	6·4
23	4·4	1·7	·6	·4	...	...	·5	...	...	...	·7	·6	...	1·9	·1	...	...	...	...	...	...	...	·9	·4	12·2	3·6
24	·6	...	1·0	...	...	...	...	...	·3	·4	·9	·8	...	·9	·7	...	...	...	·1	...	...	...	...	...	5·7	2·1
25	...	...	...	...	...	·8	·1	...	...	...	·7	·3	5·4	1·7	1·8	1·0	·2	·4	1·2	·2	·3	...	...	...	14·1	6·3
26	1·1	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	2·7	2·6	2·7	3·7	3·0	·8	·4	17·6	8·1
27	1·8	2·8	1·5	·5	·2	...	...	·2	...	...	...	...	...	·1	...	·4	·9	2·4	·7	·2	...	·8	2·1	1·1	15·7	5·7
28	...	·3	·2	·3	·1	...	...	·4	·4	...	...	·2	...	...	...	...	·1	·1	...	·3	·8	...	...	·2	3·4	2·7
29	...	...	...	·2	·2	·2	...	...	...	...	...	...	...	...	...	·5	1·2	1·1	2·7	2·8	3·8	2·7	2·8	1·8	20·0	9·2
30	1·7	·6	·7	·2	...	...	...	...	...	...	...	...	...	...	...	·3	·1	·4	...	...	...	...	...	...	4·0	2·5
31	·5	...	...	·6	·2	...	·5	...	·3	·8	·4	·6	...	...	...	·3	·2	·3	1·4	·4	1·3	...	...	1·8	9·6	4·7
Sum.	**15·7**	13·3	15·3	14·6	12·9	13·2	7·4	2·0	1·8	3·3	4·4	12·0	14·6	7·1	6·8	13·4	9·5	14·2	12·9	9·9	12·1	11·0	11·3	13·1	251·8	114·8
Total Duration.	hr. 6·9	hr. 5·5	hr. 6·0	hr. 5·4	hr. 5·5	hr. 5·4	hr. 3·4	hr. 1·3	hr. 1·8	hr. 2·2	hr. 2·5	hr. 4·4	hr. 3·4	hr. 2·9	hr. 4·9	hr. 7·0	hr. 6·4	hr. 7·3	hr. 6·0	hr. 4·4	hr. 4·5	hr. 4·6	hr. 5·7	hr. **7·4**	hr. 114·8	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

For periods of sixty minutes, between the exact hours of Local Apparent Time.

343. Cahirciveen (Valencia Observatory) : h_s (height of recorder above ground) = 12·8 metres.

January, 1924.

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	—	...	...	·1	...	...	...	...	...	—	—	—	—	—	0·1	1
2	—	—	—	—	—	...	·4	1·0	1·0	·8	·8	·3	·3	—	—	—	—	—	4·6	60
3	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
4	—	—	—	—	—	...	...	...	...	...	·2	·5	·2	—	—	—	—	—	0·9	11
5	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
6	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
7	—	—	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	·2	—	—	—	—	—	**6·0**	**76**
8	—	—	—	—	—	...	...	...	...	·5	·1	...	...	—	—	—	—	—	0·6	8
9	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
10	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
12	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
13	—	—	—	—	...	...	...	...	·5	·1	·4	·2	·4	...	—	—	—	—	1·6	20
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
15	—	—	—	—	...	...	...	...	...	·7	·9	1·0	·2	...	—	—	—	—	2·8	34
16	—	—	—	—	...	...	...	·8	·8	·9	1·0	1·0	...	...	—	—	—	—	4·5	55
17	—	—	—	—	...	...	...	·2	...	...	·1	...	...	...	—	—	—	—	0·3	4
18	—	—	—	—	...	...	...	·4	·2	·6	·5	·2	...	...	—	—	—	—	1·9	23
19	—	—	—	—	...	...	...	·1	·1	·4	·4	·3	...	...	—	—	—	—	1·3	15
20	—	—	—	—	...	...	·6	·8	·5	·6	·5	...	...	...	—	—	—	—	3·0	36
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
22	—	—	—	—	...	...	...	·3	·7	·2	·7	·8	·8	...	—	—	—	—	3·5	41
23	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
24	—	—	—	—	...	...	·7	·8	·2	·2	...	...	...	...	—	—	—	—	1·9	22
25	—	—	—	—	...	...	·4	·3	·2	·8	·3	...	...	...	—	—	—	—	2·0	23
26	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
27	—	—	—	—	...	·3	1·0	1·0	·8	·2	·7	·5	·1	...	—	—	—	—	4·6	53
28	—	—	—	—	...	...	·2	·5	·7	...	...	...	...	...	—	—	—	—	1·4	16
29	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
30	—	—	—	—	...	...	·1	...	...	...	...	...	...	...	—	—	—	—	0·1	1
31	—	—	—	—	...	...	...	...	...	...	...	·8	·6	...	—	—	—	—	1·4	16
Sum.	—	—	—	—	...	0·3	4·2	7·3	6·7	7·0	**7·6**	6·6	2·8	...	—	—	—	—	42·5	—
Mean.	—	—	—	—	...	0·01	0·14	0·24	0·22	0·23	**0·25**	0·21	0·09	...	—	—	—	—	1·37	17

344. Cahirciveen (Valencia Observatory) : h_s = 12·8 metres.

February, 1924.

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	...	...	...	...	·1	1·0	1·0	·9	1·0	·2	—	—	—	—	4·2	47
2	—	—	—	—	...	...	...	·6	·5	·4	·8	·2	...	...	—	—	—	—	2·5	28
3	—	—	—	—	...	·1	...	...	...	...	...	...	...	...	—	—	—	—	0·1	1
4	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
5	—	—	—	—	...	...	·1	...	...	...	...	...	...	...	—	—	—	—	0·1	1
6	—	—	—	—	...	...	...	·1	·5	·8	·4	...	...	...	—	—	—	—	1·8	19
7	—	—	—	—	...	...	...	...	...	...	...	...	·2	...	—	—	—	—	0·2	2
8	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
9	—	—	—	—	...	·5	·4	·9	1·0	1·0	·7	·7	...	...	—	—	—	—	5·2	55
10	—	—	—	—	...	...	·1	·3	·2	...	...	·7	·1	·1	—	—	—	—	1·5	16
11	—	—	—	—	...	...	·2	...	·3	·5	·2	·4	...	...	—	—	—	—	1·6	17
12	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
13	—	—	—	—	...	...	...	...	·4	·8	1·0	·3	...	...	—	—	—	—	2·5	26
14	—	—	—	—	...	...	·6	·1	·2	1·0	1·0	·6	...	...	—	—	—	—	3·5	36
15	—	—	—	—	...	...	...	·1	...	...	...	...	...	...	—	—	—	—	0·1	1
16	—	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	—	—	—	—	8·0	81
17	—	—	—	—	...	·4	·9	·8	1·0	1·0	1·0	·9	·7	·1	—	—	—	—	6·8	68
18	—	—	—	—	...	·2	·8	·9	·6	...	·3	1·0	·5	·5	—	—	—	—	4·8	48
19	—	—	—	...	...	·9	1·0	1·0	1·0	1·0	1·0	·3	...	...	...	—	—	—	6·2	61
20	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
21	—	—	—	...	...	...	...	...	·2	·1	·2	...	...	...	...	—	—	—	0·5	5
22	—	—	—	...	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	**8·8**	**85**
23	—	—	—	...	...	...	...	·3	·9	1·0	·8	1·0	·9	·8	...	—	—	—	5·7	55
24	—	—	—	...	...	...	...	·1	·3	...	·1	·2	...	...	...	—	—	—	0·7	7
25	—	—	—	...	...	...	...	...	·1	...	·9	·6	·6	...	...	—	—	—	2·2	21
26	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	...	—	—	—	—	8·4	79
27	—	—	—	...	...	·1	·1	·3	·6	·2	·1	·6	·7	·7	...	—	—	—	3·4	32
28	—	—	—	...	...	·1	·2	...	·2	·2	·3	·5	...	...	...	—	—	—	1·5	14
29	—	—	—	...	...	·1	·4	1·0	·5	·2	·1	...	...	...	...	—	—	—	2·3	21
Sum.	—	—	—	...	0·2	5·2	7·9	9·7	11·3	12·3	**13·0**	11·7	7·7	3·6	...	—	—	—	82·6	—
Mean.	—	—	—	...	0·01	0·18	0·27	0·33	0·39	0·42	**0·45**	0·40	0·27	0·12	...	—	—	—	2·85	29

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

345. Cahirciveen (Valencia Observatory) : h_s (height of the recorder above ground) = 12·8 metres. **March, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	...	·2	·1	...	...	...	·3	·6	·5	·3	·2	...	—	—	—	2·2	20
2	—	—	—	...	...	...	·1	1·0	1·0	·4	...	·9	·2	·7	...	—	—	—	4·3	40
3	—	—	—	...	...	...	...	·7	·9	1·0	·9	...	...	...	...	—	—	—	3·5	32
4	—	—	—	...	·4	1·0	1·0	1·0	·8	1·0	·8	·8	·7	·1	...	—	—	—	7·6	69
5	—	—	—	...	...	·5	1·0	1·0	·9	1·0	·9	·9	1·0	·7	...	—	—	—	7·9	72
6	—	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	—	—	—	8·8	79
7	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
8	—	—	—	...	·1	·5	·4	·2	...	...	...	...	...	...	...	—	—	—	1·2	11
9	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
10	—	—	—	...	...	...	...	...	...	...	·7	1·0	1·0	·2	...	—	—	—	2·9	25
11	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
12	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
13	—	—	—	...	...	...	...	...	...	...	...	...	·1	...	...	—	—	—	0·1	1
14	—	—	—	...	·5	1·0	1·0	1·0	1·0	·3	·3	1·0	·7	·6	...	—	—	—	7·4	63
15	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	—	—	—	10·1	**86**
16	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	—	—	—	9·7	82
17	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
18	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
19	—	—	—	...	...	...	...	...	·1	...	...	...	...	·2	...	—	—	—	0·3	2
20	—	—	—	...	...	·9	·2	1·0	1·0	·5	...	...	...	...	...	—	—	—	3·6	30
21	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
22	—	—	...	...	...	...	...	·1	·2	·7	...	...	...	...	...	—	—	—	1·0	8
23	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
24	—	—	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	—	—	0·1	1
25	—	—	...	...	...	...	...	...	...	...	·1	·7	·2	·3	...	...	—	—	1·3	10
26	—	—	...	...	...	...	...	·1	·1	...	...	...	...	...	...	...	...	—	0·2	2
27	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
28	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
29	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
30	—	—	...	...	...	...	...	...	·2	·9	1·0	·9	1·0	·7	...	...	—	—	4·7	37
31	—	—	...	·3	·7	·7	1·0	1·0	1·0	1·0	·9	·9	1·0	1·0	·9	...	—	—	**10·4**	81
Sum.	—	—	...	0·3	3·9	7·7	7·7	10·1	10·2	10·1	9·3	**10·6**	9·2	7·0	1·2	...	—	—	87·3	—
Mean.	—	—	...	0·01	0·13	0·25	0·25	0·33	0·33	0·33	0·30	**0·34**	0·30	0·23	0·04	...	—	—	2·82	24

346. Cahirciveen (Valencia Observatory) : h_s = 12·8 metres. **April, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	...	·7	1·0	·8	·9	1·0	1·0	1·0	1·0	1·0	·9	1·0	·7	...	—	—	11·0	85
2	—	—	...	·5	1·0	1·0	1·0	1·0	1·0	·8	·8	·1	·4	1·0	·6	...	—	—	9·2	71
3	—	—	...	·4	·9	·8	·7	·8	·8	·5	·9	·9	1·0	1·0	·8	...	—	—	9·5	73
4	—	—	...	...	·1	·4	·2	1·0	·9	1·0	·6	·4	·6	·5	·2	...	—	—	5·9	45
5	—	—	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	·9	1·0	·8	...	—	—	11·3	86
6	—	—	...	·6	1·0	1·0	·3	·2	·6	·5	·4	...	...	...	...	...	—	—	4·6	35
7	—	—	...	·3	·5	·4	1·0	1·0	1·0	1·0	·2	·2	...	...	...	...	—	—	5·6	42
8	—	—	...	·2	·1	·5	·5	·4	·6	·2	1·0	·6	·6	·6	·2	...	—	—	5·5	41
9	—	—	...	·9	·3	·7	·9	·9	1·0	·9	·9	1·0	1·0	·4	·3	...	—	—	9·2	69
10	—	—	...	·3	·4	·5	·9	·1	·7	·8	·2	·6	·5	·9	·5	...	—	—	6·4	47
11	—	—	...	...	...	...	...	·2	·2	...	...	·4	·4	·6	·6	...	—	—	2·4	18
12	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	—	—	—	**12·3**	**90**
13	—	—	...	...	·1	...	·2	·2	·6	...	·3	...	...	...	...	...	—	—	1·4	10
14	—	—	...	·5	...	·3	...	...	·5	1·0	1·0	1·0	1·0	1·0	·8	—	—	—	8·1	59
15	—	—	·2	1·0	·9	·9	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	·2	...	—	—	11·1	80
16	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
17	—	—	·2	·3	·1	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	·2	...	—	—	8·6	62
18	—	—	...	...	...	...	...	...	...	...	·2	·7	·2	·1	...	...	—	—	1·2	9
19	—	—	...	...	·8	·5	·1	...	...	·1	·6	·8	·5	...	...	...	—	—	3·4	24
20	—	—	...	...	...	...	...	...	...	...	...	·7	1·0	1·0	·8	...	—	—	3·5	25
21	—	—	...	...	...	·9	·9	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	...	—	—	8·2	58
22	—	—	...	...	...	...	...	·3	·2	1·0	·7	·1	·3	·6	·5	·1	—	—	3·8	27
23	—	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	0·1	1
24	—	...	...	...	...	...	...	·1	...	...	·2	·9	·4	·2	·7	...	...	—	2·5	17
25	—	...	...	...	...	...	...	...	·2	...	·7	·1	...	...	...	...	...	...	1·0	7
26	—	...	...	·2	·7	·6	·2	·5	...	...	...	·1	·1	·3	...	...	...	—	2·7	19
27	—	...	...	...	...	...	...	...	·8	1·0	1·0	1·0	·7	...	...	...	...	...	4·5	31
28	—	...	...	...	...	...	...	...	...	·2	·3	·1	...	...	·2	...	...	...	0·8	5
29	—	...	...	...	...	...	...	...	...	...	·1	·9	1·0	·4	·4	...	...	—	2·8	19
30	—	...	...	...	...	...	...	·1	...	·5	·9	·5	·1	...	·1	·1	...	...	2·3	16
Sum.	—	...	0·4	7·4	9·9	11·4	11·8	12·8	15·1	15·6	16·9	**17·1**	15·5	13·7	9·8	1·5	...	...	158·9	—
Mean.	—	...	0·01	0·25	0·33	0·38	0·39	0·43	0·50	0·52	0·56	**0·57**	0·52	0·46	0·33	0·05	...	—	5·30	38
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

347. Cahirciveen (Valencia Observatory) : h_s (height of recorder above ground) = 12·8 metres. **May, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	...	...	...	...	...	...	...	...	·2	·5	1·0	1·0	·5	·2	...	...	—	3·4	23
2	—	...	...	·1	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·10	1·0	1·0	1·0	·6	...	...	11·4	77
3	—	...	...	...	...	·4	1·0	·8	·9	1·0	1·0	1·0	1·0	·9	1·0	·9	...	—	9·9	66
4	—	·2	1·0	·9	·9	·3	...	·2	·6	1·0	·8	·5	·8	·8	·4	...	...	—	8·4	56
5	—	...	·3	·8	1·0	1·0	·7	1·0	1·0	1·0	·9	·1	...	...	...	...	...	—	7·8	52
6	—	...	...	·2	·2	·2	·2	...	...	...	·5	1·0	·9	·8	·7	·1	...	—	4·8	32
7	—	...	·4	·7	1·0	1·0	·9	·8	·6	1·0	·9	·9	·7	·7	·7	·1	...	—	10·4	69
8	—	...	·8	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	·8	·4	...	...	—	11·9	78
9	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
10	—	...	...	·1	·9	·4	·1	...	·8	·9	·4	·2	·9	1·0	1·0	·8	...	—	7·5	49
11	—	...	·4	1·0	·4	·2	·5	·7	...	...	...	...	...	...	·5	1·0	...	—	4·7	31
12	—	...	·9	·9	·2	·2	·4	·6	·9	1·0	·7	...	...	...	...	...	...	—	5·8	38
13	—	...	·7	·8	·8	1·0	1·0	1·0	·9	1·0	·4	·3	·7	·3	...	...	...	—	8·9	57
14	—	...	...	·4	·4	·5	·7	...	·9	·9	·9	·6	1·0	1·0	1·0	1·0	·1	—	9·4	60
15	—	...	...	·1	·1	·2	·6	·5	·9	1·0	1·0	1·0	·8	1·0	·2	·5	...	—	7·9	51
16	—	...	1·0	1·0	1·0	·9	1·0	1·0	1·0	·7	...	·7	·9	·9	·7	·4	...	—	11·2	72
17	—	...	·7	·8	1·0	·9	1·0	1·0	1·0	1·0	·7	·5	·7	1·0	1·0	·7	...	—	12·0	77
18	—	·1	·3	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	·7	·9	·2	—	**13·1**	**83**
19	—	...	...	·3	...	...	...	...	...	...	...	...	·1	...	...	...	...	—	0·4	3
20	—	...	...	...	·4	·1	...	·7	...	...	...	·5	·2	...	...	...	...	—	1·9	12
21	—	...	...	·1	1·0	·6	·4	...	...	...	·6	·9	...	...	...	...	...	—	3·6	23
22	—	...	...	·1	·4	...	...	...	...	...	...	...	...	...	...	...	...	—	0·5	3
23	—	...	·7	·1	·5	·9	·9	1·0	·8	1·0	·7	1·0	1·0	·9	1·0	·5	...	—	11·0	69
24	—	...	...	...	...	...	...	·5	...	·2	...	...	·4	·8	1·0	·5	...	—	3·4	21
25	—	...	·1	...	·2	·9	·7	·2	·6	·5	·9	·2	·2	·2	·2	...	...	—	4·9	31
26	—	...	...	·4	·5	·7	·6	·4	...	...	...	...	...	...	...	...	...	—	2·6	16
27	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	0·1	1
28	...	...	·2	·1	·5	·9	·4	·5	·1	·4	1·0	1·0	·9	...	...	·2	...	...	6·2	38
29	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	0·1	1
30	...	...	...	...	...	·1	...	·8	1·0	1·0	1·0	1·0	1·0	·8	·4	...	...	...	7·1	44
31	...	...	·4	...	·2	...	...	1·0	·8	1·0	·9	·7	·8	·7	·1	...	...	...	6·6	41
Sum.	...	0·3	7·9	10·9	14·3	14·5	14·0	15·6	15·9	**17·8**	16·8	16·1	17·0	15·1	12·2	8·2	0·3	...	196·9	—
Mean.	...	0·01	0·25	0·35	0·46	0·47	0·45	0·50	0·51	**0·57**	0·54	0·52	0·55	0·49	0·39	0·26	0·01	...	6·35	41

348. Cahirciveen (Valencia Observatory) : h_s = 12·8 metres. **June, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	...	...	...	·4	...	1·0	·9	·9	·8	·1	·8	·6	·9	·2	...	...	...	6·6	40
2	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	0·3	2
3	...	...	...	...	...	...	...	...	·1	...	·2	...	...	...	...	...	...	...	0·3	2
4	...	...	...	...	...	...	·1	·3	·5	1·0	1·0	1·0	·1	·2	...	...	...	...	4·2	26
5	...	...	...	·2	·8	·1	...	...	...	...	...	...	...	...	...	...	...	...	1·1	7
6	...	...	...	·1	·2	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	...	...	9·0	55
7	...	...	...	...	...	...	...	...	...	...	·1	·1	...	·1	·6	·8	...	...	1·7	10
8	...	...	·2	·2	·4	...	...	...	·1	·5	·9	1·0	·7	·8	·8	·1	...	...	5·7	34
9	...	...	...	...	...	...	...	...	...	...	...	...	·7	·7	·8	·1	...	...	2·3	14
10	...	...	...	...	...	...	...	...	...	...	·2	1·0	1·0	·1	...	...	...	...	2·3	14
11	...	...	...	...	...	...	...	...	...	...	·1	·2	...	...	·1	...	...	...	0·4	2
12	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·8	·4	...	...	1·4	8
13	...	...	...	...	...	...	...	...	·5	·8	·9	1·0	1·0	1·0	1·0	·5	·4	...	7·1	43
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	·1	·3	·3	·1	...	·2	·2	...	...	...	...	...	...	1·2	7
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	·3	·9	·1	·3	·2	...	...	...	·3	...	...	...	...	...	...	...	...	2·1	13
18	...	...	·4	·3	·2	·6	...	...	...	·1	·7	·3	·3	...	...	...	...	...	2·9	17
19	...	...	...	...	...	...	·5	·3	·2	·7	·2	·8	1·0	1·0	·8	·2	·2	...	5·9	35
20	...	·4	·6	·6	·5	·2	...	...	...	...	...	...	...	·2	·6	·9	·2	...	4·2	25
21	...	·3	1·0	·8	·8	·3	·9	1·0	1·0	·8	·1	·2	·7	·9	...	...	...	...	8·8	53
22	...	...	...	...	·6	·5	·6	·3	...	...	...	...	...	...	...	...	...	...	2·0	12
23	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	0·1	1
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	·3	...	...	...	...	...	...	·1	·8	1·0	1·0	·7	1·0	·6	·2	...	5·7	34
28	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	0·2	1
29	...	...	...	...	...	...	...	...	...	·2	·6	·9	·9	·8	·9	·4	...	...	4·7	28
30	...	·1	...	·1	·6	·4	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·7	·5	...		**10·7**	**65**
Sum.	...	1·1	3·4	2·4	4·8	2·8	4·7	5·2	5·4	7·3	8·1	**10·7**	10·3	9·6	8·9	4·7	1·5	...	90·9	—
Mean.	...	0·04	0·11	0·08	0·16	0·09	0·16	0·17	0·18	0·24	0·27	**0·36**	0·34	0·32	0·30	0·16	0·05	...	3·03	18

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

349. Cahirciveen (Valencia Observatory) : h_s (height of recorder above ground) = 12·8 metres. **July, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	...	·3	...	·9	·8	·2	...	...	...	...	...	...	...	...	·1	·2	...	...	2·5	15
2	...	...	·1	·1	·7	·1	·9	·6	·3	·7	·9	1·0	1·0	·9	1·0	·3	·4	...	9·0	54
3	...	·1	·2	...	...	...	...	...	...	...	...	·4	·9	1·0	·9	·9	·7	...	5·1	31
4	...	...	·1	·2	·3	·4	·6	...	·3	1·0	·9	1·0	1·0	1·0	·9	·5	·1	...	8·3	50
5	...	...	...	...	...	...	...	...	·2	·8	·8	·9	·5	...	·2	·5	·9	...	4·8	29
6	...	...	·7	·6	...	...	...	...	...	·1	·5	·4	·1	·2	·2	...	...	...	2·8	17
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	·2	·5	·2	...	...	...	...	...	...	...	0·9	5
9	...	...	...	...	·5	·6	...	·2	1·0	·7	·9	...	...	...	...	...	...	...	3·9	24
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	·2	·7	·9	·4	...	·2	1·0	·6	·2	...	...	4·2	26
13	...	·1	·3	·1	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	...	11·8	72
14	...	...	...	·2	·3	·4	1·0	·8	...	...	...	...	...	...	...	...	...	...	2·7	17
15	...	...	...	...	...	...	...	...	...	...	·1	·5	·3	...	·8	...	...	...	1·7	10
16	...	...	·5	·7	1·0	·8	·5	·6	1·0	1·0	·8	1·0	·9	1·0	1·0	·4	...	...	11·2	69
17	...	...	...	...	...	...	...	·2	·9	·6	·7	·1	·7	·7	·7	·4	·2	...	5·2	32
18	...	...	...	...	...	...	...	·1	·2	...	·2	·7	·8	1·0	·7	·1	...	...	3·8	24
19	...	...	...	·3	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	0·5	3
20	—	...	...	·2	·1	·3	...	·6	·6	·1	·1	·9	·6	·5	·3	·4	·2	—	4·9	31
21	—	·4	1·0	·4	·2	1·0	1·0	·6	·9	1·0	1·0	1·0	1·0	1·0	1·0	·9	·3	—	**12·7**	**79**
22	—	·6	1·0	1·0	1·0	1·0	1·0	1·0	·6	·4	·2	...	...	...	...	...	...	—	7·8	49
23	—	...	...	...	...	...	...	...	...	...	...	...	·2	·7	·2	·5	·1	—	1·7	11
24	—	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	—	0·1	1
25	—	...	...	...	...	...	...	...	...	...	...	...	·5	·2	...	...	...	—	0·7	4
26	—	...	...	...	...	...	...	...	...	...	...	...	·5	1·0	·3	·2	...	—	2·0	13
27	—	...	...	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	—	0·5	3
28	—	...	...	...	·3	1·0	·9	·2	1·0	1·0	1·0	·7	·6	·7	·6	·1	...	—	8·1	51
29	—	...	...	...	...	...	·9	·5	·2	·6	·4	1·0	1·0	1·0	·8	·7	...	—	7·1	45
30	—	...	...	...	·1	·1	...	·2	·4	·6	·2	·7	·6	...	...	...	...	—	2·9	19
31	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
Sum.	...	1·5	3·9	5·0	6·5	6·9	7·8	7·0	9·5	11·0	10·3	11·4	12·4	**12·9**	11·3	6·6	2·9	...	126·9	—
Mean.	...	0·05	0·13	0·16	0·21	0·22	0·25	0·23	0·31	0·35	0·33	0·37	0·40	**0·42**	0·36	0·21	0·09	...	4·09	25

350. Cahirciveen (Valencia Observatory) : h_s = 12·8 metres. **August, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr'	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	...	...	...	...	·1	...	·1	·1	·3	·3	...	·1	·4	·8	·2	...	—	2·4	15
2	—	...	...	·3	·8	·9	·8	1·0	1·0	1·0	1·0	1·0	·7	...	·7	...	...	—	9·2	60
3	—	...	...	...	...	...	...	...	...	·1	·3	...	·1	...	...	...	...	—	0·5	3
4	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
5	—	...	...	...	...	...	...	...	·1	...	...	·1	·2	·5	·7	...	...	—	1·6	11
6	—	...	...	...	...	...	...	...	·7	7·	·7	·4	1·0	1·0	1·0	·9	·2	—	6·6	43
7	—	...	·6	·4	·7	1·0	1·0	·7	·2	·9	1·0	·8	1·0	1·0	1·0	1·0	·1	—	**11·4**	**75**
8	—	...	...	...	...	...	·2	1·0	·3	·8	1·0	1·0	1·0	1·0	1·0	1·0	·2	—	8·5	56
9	—	...	...	·2	1·0	1·0	·6	·3	·2	...	·2	1·0	1·0	·6	·8	·1	...	—	7·0	47
10	—	...	...	...	...	...	...	·3	·3	·7	·8	·9	·6	·1	...	·1	...	—	3·8	25
11	—	...	...	...	...	·1	·2	...	·6	·5	·3	·2	·3	·2	·2	...	...	—	2·6	17
12	—	...	...	...	...	...	...	...	...	...	·1	·1	...	...	...	...	...	—	0·2	1
13	—	...	...	·1	...	·1	·2	·5	·2	·5	·5	...	...	·5	·2	·2	...	—	3·0	20
14	—	...	...	...	...	...	·7	·3	·8	·7	1·0	·9	·9	·9	·6	·4	...	—	7·2	49
15	—	...	·1	·1	...	·1	·2	...	...	...	...	...	...	·1	...	...	...	—	0·6	4
16	—	...	·1	·4	·9	·9	1·0	·9	·9	·6	·7	·1	·2	...	...	...	...	—	6·7	46
17	—	...	...	...	...	·5	·3	...	·1	...	...	1·0	·1	·7	·8	·3	...	—	3·8	26
18	—	...	...	·4	·5	·8	·9	1·0	1·0	1·0	1·0	1·0	·8	·8	·1	...	...	—	9·3	64
19	—	...	...	...	...	·6	·7	·4	·4	·8	·2	·4	...	...	...	...	...	—	3·5	24
20	—	...	...	...	...	·1	·2	·8	1·0	·9	·5	·9	1·0	1·0	·8	·1	...	—	7·3	51
21	—	...	...	...	...	·1	...	...	·2	...	·5	·5	...	·4	·2	...	...	—	1·9	13
22	—	...	...	·7	·2	·6	·7	·1	·5	·1	·8	·3	·3	·4	·5	·4	...	—	5·6	39
23	—	...	...	...	...	·4	·9	1·0	1·0	1·0	1·0	·9	·9	1·0	·3	...	...	—	8·4	59
24	—	—	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	—	0·1	1
25	—	—	...	...	·1	...	...	·2	·8	·2	·6	1·0	1·0	1·0	·7	·2	—	—	5·8	41
26	—	—	...	...	...	...	·1	·4	·1	·2	·8	·6	·7	...	·4	...	—	—	3·3	24
27	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
28	—	—	...	...	...	...	...	...	...	...	...	...	·2	·2	·2	...	—	—	0·6	4
29	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
30	—	—	...	...	...	...	·1	...	...	...	...	...	...	...	·3	...	—	—	0·4	3
31	—	—	...	...	...	·2	...	...	...	...	...	...	·4	·1	...	·1	—	—	0·8	6
Sum.	—	...	0·8	2·6	4·2	7·5	8·8	9·0	10·5	11·0	**13·3**	13·1	12·6	11·9	11·3	5·0	0·5	—	122·1	—
Mean.	—	...	0·03	0·08	0·14	0·24	0·28	0·29	0·34	0·35	**0·43**	0·42	0·41	0·38	0·36	0·16	0·02	—	3·94	27

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

351. Cahirciveen (Valencia Observatory : h_s (height of recorder above ground) = 12·8 metres. **September, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	...	...	·1	...	...	...	...	...	...	...	·2	...	...	...	—	—	0·3	2
2	—	—	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	—	—	0·2	1
3	—	—	...	...	·2	·6	·2	·9	·3	·2	·6	·9	·4	1·0	·6	...	—	—	5·9	44
4	—	—	...	·8	1·0	1·0	1·0	·3	·2	...	...	·3	...	...	...	...	—	—	4·6	34
5	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
6	—	—	...	...	...	...	...	·1	·3	...	...	...	...	...	...	...	—	—	0·4	30
7	—	—	...	...	...	...	...	...	...	·1	1·0	1·0	·9	·7	·2	...	—	—	3·9	30
8	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
9	—	—	...	...	·1	·9	·7	·9	·9	·9	1·0	1·0	·9	1·0	·4	...	—	—	8·7	67
10	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
11	—	—	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	—	—	0·1	1
12	—	—	...	...	...	...	...	...	...	·1	·3	·1	·7	·3	...	...	—	—	1·5	12
13	—	—	...	·2	·3	1·0	1·0	·8	1·0	·9	1·0	1·0	1·0	1·0	·8	...	—	—	**10·0**	**78**
14	—	—	...	·4	·7	...	·7	·7	·6	·6	·6	·1	...	·1	·1	...	—	—	4·6	36
15	—	—	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	—	—	0·1	1
16	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
17	—	—	...	...	...	·2	1·0	1·0	·9	1·0	·9	1·0	·9	·7	·1	...	—	—	7·7	61
18	—	—	...	...	·6	1·0	1·0	·6	1·0	1·0	·7	·6	·7	·2	·1	...	—	—	7·5	60
19	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...
20	—	—	...	...	...	...	...	·2	·3	...	...	...	...	...	...	...	—	—	0·5	4
21	—	—	...	·1	·2	·4	·5	·3	...	...	...	...	...	...	...	...	—	—	1·5	12
22	—	—	...	...	·8	1·0	·2	...	...	...	...	...	...	...	...	...	—	—	2·0	16
23	—	—	...	...	...	...	...	...	·8	·3	·6	·9	1·0	·9	·4	...	—	—	4·9	40
24	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
25	—	—	—	...	...	·2	·3	·7	·7	·5	·7	·4	·1	·4	·5	—	—	—	4·5	37
26	—	—	—	...	·8	·5	1·0	1·0	1·0	1·0	1·0	1·0	·5	·3	...	—	—	—	8·1	68
27	—	—	—	...	...	·2	...	·8	1·0	·8	1·0	·8	·2	·5	...	—	—	—	5·3	45
28	—	—	—	...	...	·2	·3	...	...	...	...	...	...	...	...	—	—	—	0·5	4
29	—	—	—	...	...	...	...	...	...	...	·2	·9	...	...	...	—	—	—	1·1	9
30	—	—	—	...	·1	·9	·7	·7	·8	1·0	1·0	1·0	·9	1·0	·4	—	—	—	8·5	73
Sum.	—	—	...	1·5	5·0	8·1	8·6	9·0	9·8	8·6	10·6	**11·0**	8·5	8·1	3·6	...	—	—	92·4	—
Mean.	—	—	...	0·05	0·17	0·27	0·29	0·30	0·33	0·29	0·35	**0·37**	0·28	0·27	0·12	...	·	—	3·08	24

352. Cahirciveen (Valencia Observatory) : h_s = 12·8 metres. **October, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	...	...	...	...	...	·1	...	...	...	...	...	...	—	—	—	0·1	1
2	—	—	—	...	...	·2	1·0	1·0	1·0	·7	...	·1	...	...	...	—	—	—	4·0	35
3	—	—	—	...	·1	·9	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	·5	—	—	—	**9·4**	**82**
4	—	—	—	...	·4	1·0	·9	·9	1·0	·8	1·0	·2	...	...	...	—	—	—	6·2	54
5	—	—	—	...	·2	1·0	·4	·9	1·0	·8	·9	·9	·5	·2	...	—	—	—	6·8	60
6	—	—	—	...	...	·1	·1	·1	·6	·6	·9	·3	·7	·8	...	—	—	—	4·2	37
7	—	—	—	...	·1	·3	·2	·3	...	...	...	...	...	...	...	—	—	—	0·9	8
8	—	—	—	...	...	...	...	·2	...	·2	·5	1·0	·9	·4	...	—	—	—	3·2	29
9	—	—	—	...	...	...	...	...	...	...	·1	·2	...	...	...	—	—	—	0·3	3
10	—	—	—	...	...	...	...	...	·2	·7	·9	·8	1·0	·8	...	—	—	—	4·4	40
11	—	—	—	...	...	...	·2	...	...	...	...	...	...	...	...	—	—	—	0·2	2
12	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
13	—	—	—	...	...	·2	·5	·6	·7	1·0	·9	1·0	1·0	·6	...	—	—	—	6·5	60
14	—	—	—	...	·2	·9	·7	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	8·6	80
15	—	—	—	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	·2	...	—	—	—	7·6	71
16	—	—	—	...	...	...	...	...	...	...	·2	...	...	...	...	—	—	—	0·2	2
17	—	—	—	...	...	·7	·4	·8	·6	·9	·7	·2	...	...	...	—	—	—	4·3	41
18	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
19	—	—	—	...	...	...	·3	·2	·2	·1	·9	·4	·1	...	...	—	—	—	2·2	21
20	—	—	—	...	...	·4	·2	...	...	...	...	...	...	...	...	—	—	—	0·6	6
21	—	—	—	...	...	...	·1	·9	·7	·7	...	·1	·4	...	...	—	—	—	2·9	28
22	—	—	—	...	...	1·0	1·0	·9	1·0	1·0	1·0	1·0	·9	...	...	—	—	—	7·8	76
23	—	—	—	...	...	·1	...	·1	·1	...	...	...	...	...	...	—	—	—	0·3	3
24	—	—	—	—	...	...	·2	...	...	...	...	...	...	...	...	—	—	—	0·2	2
25	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
26	—	—	—	—	...	·7	1·0	1·0	·9	·2	...	·2	...	...	—	—	—	—	4·0	40
27	—	—	—	—	...	...	...	...	·1	·5	1·0	·8	...	...	—	—	—	—	2·4	24
28	—	—	—	—	...	...	...	...	·2	·1	...	...	...	...	—	—	—	—	0·3	3
29	—	—	—	—	...	...	...	·1	·3	·9	1·0	·4	·5	·1	—	—	—	—	3·3	34
30	—	—	—	—	...	·1	·4	·6	·6	1·0	·7	·1	...	...	—	—	—	—	3·5	36
31	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...
Sum.	—	—	—	...	1·2	8·6	9·6	11·6	12·3	13·1	**13·7**	10·7	8·2	4·9	0·5	-	-	—	94·4	—
Mean.	—	—	—	...	0·04	0·28	0·32	0·38	0·40	0·42	**0·44**	0·35	0·26	0·16	0·02	—	—	—	3·05	29

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

353. Cahirciveen (Valencia Observatory): h_s (height of recorder above ground) = 12·8 metres. **November, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
2	—	—	—	—	...	...	...	...	...	...	...	·7	·8	...	—	—	—	—	1·5	16
3	—	—	—	—	...	...	...	...	...	·5	1·0	1·0	1·0	·3	—	—	—	—	3·8	40
4	—	—	—	—	...	·7	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	—	—	—	—	**8·1**	**86**
5	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
6	—	—	—	—	...	·1	...	...	...	...	·2	...	...	...	—	—	—	—	0·3	3
7	—	—	—	—	...	...	...	...	...	...	·7	1·0	1·0	...	—	—	—	—	2·7	29
8	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
9	—	—	—	—	...	...	...	...	·5	·1	...	...	...	...	—	—	—	—	0·6	7
10	—	—	—	—	...	...	·3	·4	·4	...	·1	...	...	...	—	—	—	—	1·2	13
11	—	—	—	—	...	·3	1·0	1·0	1·0	1·0	·7	·8	·8	...	—	—	—	—	6·6	73
12	—	—	—	—	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	—	—	—	—	7·4	83
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
14	—	—	—	—	...	...	...	...	·2	·6	...	...	·6	...	—	—	—	—	1·4	16
15	—	—	—	—	...	...	...	...	·1	·5	·7	·4	...	...	—	—	—	—	1·7	19
16	—	—	—	—	...	...	1·0	1·0	1·0	1·0	...	·4	...	...	—	—	—	—	4·4	50
17	—	—	—	—	...	...	·1	...	...	·9	·8	·2	...	...	—	—	—	—	2·0	23
18	—	—	—	—	...	...	...	...	...	...	·9	...	...	...	—	—	—	—	0·9	10
19	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
20	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
22	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
23	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
24	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
25	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
26	—	—	—	—	...	...	·5	·2	...	...	...	...	...	...	—	—	—	—	0·7	8
27	—	—	—	—	...	...	...	·7	·8	·4	·7	·6	...	...	—	—	—	—	3·2	39
28	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...
29	—	—	—	—	...	...	...	·2	·3	·2	·7	·3	...	...	—	—	—	—	1·7	21
30	—	—	—	—	—	...	·4	·9	·7	1·0	·4	·3	·1	—	—	—	—	—	3·8	47
Sum.	—	—	—	—	...	1·6	5·3	6·4	7·0	8·2	**8·9**	7·7	6·2	0·7	—	—	—	—	52·0	—
Mean.	—	—	—	—	...	0·05	0·18	0·21	0·23	0·27	**0·30**	0·26	0·21	0·02	—	—	—	—	1·73	20

354. Cahirciveen (Valencia Observatory): h_s = 12·8 metres. **December, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%
1	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
2	—	—	—	—	—	...	·2	·4	1·0	·9	·3	·2	...	—	—	—	—	—	3·0	37
3	—	—	—	—	—	...	·8	1·0	1·0	·9	·1	·2	...	—	—	—	—	—	**4·0**	**50**
4	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
5	—	—	—	—	—	...	·1	·7	·8	·4	·2	...	...	—	—	—	—	—	2·2	28
6	—	—	—	—	—	...	...	...	·7	·2	·1	...	...	—	—	—	—	—	1·0	13
7	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
8	—	—	—	—	—	...	·1	·2	...	...	...	...	...	—	—	—	—	—	0·3	4
9	—	—	—	—	—	...	·3	·5	·9	1·0	·2	...	...	—	—	—	—	—	2·9	37
10	—	—	—	—	—	...	·1	...	·2	·2	·8	...	...	...	—	—	—	—	1·3	17
11	—	—	—	—	—	...	·2	1·0	·2	...	...	...	...	—	—	—	—	—	1·4	18
12	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
13	—	—	—	—	—	...	·5	·3	·8	·8	·6	·8	...	—	—	—	—	—	3·8	49
14	—	—	—	—	—	...	·3	·8	·9	·9	·8	...	...	—	—	—	—	—	3·7	48
15	—	—	—	—	—	...	·4	...	...	·2	...	...	...	—	—	—	—	—	0·6	8
16	—	—	—	—	—	...	·5	·8	...	...	...	...	...	—	—	—	—	—	1·3	17
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
18	—	—	—	—	—	...	...	...	...	...	...	·2	...	—	—	—	—	—	0·2	3
19	—	—	—	—	—	...	...	·1	...	·1	·1	...	...	—	—	—	—	—	0·3	4
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
22	—	—	—	—	—	...	...	...	...	·2	...	...	...	—	—	—	—	—	0·2	3
23	—	—	—	—	—	...	·3	...	...	...	·7	·5	...	—	—	—	—	—	1·5	20
24	—	—	—	—	—	...	...	·2	...	·1	·2	·5	...	—	—	—	—	—	1·0	13
25	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
26	—	—	—	—	—	...	·5	·4	...	...	...	...	...	—	—	—	—	—	0·9	12
27	—	—	—	—	—	...	...	...	...	·5	·2	...	...	—	—	—	—	—	0·7	9
28	—	—	—	—	—	...	...	·1	·2	·6	...	...	...	—	—	—	—	—	0·9	13
29	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...
30	—	—	—	—	—	...	·2	...	·1	·6	·2	...	...	—	—	—	—	—	1·1	14
31	—	—	—	—	—	...	·3	·5	...	·3	...	...	...	—	—	—	—	—	1·1	14
Sum.	—	—	—	—	—	...	4·8	7·0	6·8	**7·9**	4·5	2·4	...	—	—	—	—	—	33·4	—
Mean.	—	—	—	—	—	...	0·15	0·23	0·22	**0·25**	0·15	0·08	...	—	—	—	—	—	1·08	14
Annual Total.	...	2·9	10·4	30·1	50·0	74·6	95·2	110·7	120·5	129·0	**133·0**	129·1	110·4	87·5	58·5	26·0	5·2	...	1180·3	—
Annual Mean.	...	0·01	0·04	0·08	0·14	0·20	0·26	0·30	0·33	0·35	**0·36**	0·35	0·30	0·24	0·16	0·07	0·01	...	3·22	26
Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°): Speed in Metres per second.

355. Cahirciveen (Valencia Observatory): H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·7	265	2·6	265	1·6	250	2·3	220	1·6	—	1·3	220	1·6	220	2·3	220	2·6	220	2·6	220	3·9	215	3·6
2	220	6·2	225	3·9	225	4·3	220	3·3	220	3·0	220	3·3	220	2·6	225	3·9	250	6·2	280	3·6	270	3·3	270	4·3
3	290	3·6	285	3·9	255	5·2	250	5·9	250	4·3	250	5·2	240	4·6	235	4·3	220	4·3	210	6·6	210	6·9	220	6·9
4	255	5·2	255	4·9	255	4·3	255	2·3	—	1·3	—	1·3	—	1·3	205	1·6	185	1·6	165	2·6	170	2·0	180	3·3
5	170	6·9	170	6·6	170	6·9	170	7·5	170	7·2	170	7·2	170	7·5	170	6·2	170	6·9	170	6·2	170	6·6	170	7·5
6	165	10·5	160	11·1	160	11·8	160	11·5	155	12·5	150	12·8	150	13·1	160	12·8	160	13·1	160	13·1	160	13·1	160	11·8
7	185	5·6	195	5·9	250	7·9	265	3·0	—	0·3	—	1·0	—	0·7	85	1·6	85	2·0	—	1·3	—	1·3	—	0·0
8	135	13·1	130	15·7	135	16·7	130	17·0	110	19·0	120	15·7	125	17·0	125	11·5	130	10·2	130	7·9	100	6·9	110	6·6
9	60	4·6	45	3·3	65	2·0	60	4·6	70	4·3	80	2·0	105	3·3	—	1·0	—	0·7	—	0·7	—	0·3	—	1·0
10	280	11·1	280	9·8	280	7·5	275	6·2	285	5·6	280	4·9	295	3·3	—	1·3	—	1·3	45	2·0	—	1·3	—	1·3
11	—	1·3	180	3·6	245	12·5	235	11·1	230	8·5	245	8·5	215	2·0	145	2·3	145	3·3	175	6·6	165	9·5	165	10·2
12	240	14·8	235	13·4	230	12·8	235	13·8	235	12·8	230	9·2	230	6·9	225	3·6	190	3·6	170	3·6	170	2·3	170	2·6
13	60	11·5	55	9·8	35	10·2	30	11·8	30	12·5	25	11·5	20	8·5	10	8·9	10	6·6	10	4·3	360	3·9	350	2·6
14	170	5·6	165	7·2	170	7·5	175	7·9	170	8·9	165	10·5	160	11·8	160	12·8	160	12·8	155	13·1	145	13·1	140	12·8
15	140	7·9	140	7·9	130	6·2	125	7·2	115	5·9	170	5·6	160	5·9	170	6·2	165	6·2	150	7·2	165	5·9	175	4·6
16	130	5·2	130	5·2	135	3·6	135	5·6	140	5·6	130	4·6	110	3·6	95	3·0	130	3·9	130	4·3	130	3·9	130	4·3
17	140	4·9	145	5·6	140	4·3	135	5·2	135	5·6	135	5·6	135	5·2	145	4·6	140	5·2	140	5·6	155	4·9	165	5·2
18	170	3·9	170	4·6	175	6·2	175	6·6	175	6·9	175	6·6	170	8·5	175	7·5	175	8·5	175	8·9	175	8·9	185	8·9
19	225	8·9	235	11·8	230	8·5	225	6·9	225	6·9	225	7·2	210	5·6	190	3·0	235	7·2	235	9·5	230	10·2	235	13·4
20	250	9·5	255	7·9	260	8·5	245	8·5	240	7·9	240	5·6	240	4·6	230	3·6	200	3·0	185	3·3	180	3·0	180	3·9
21	165	9·5	165	8·5	165	8·9	165	8·5	165	7·2	165	7·9	165	8·2	165	7·9	165	8·5	165	7·2	165	9·2	160	12·8
22	185	3·3	185	3·6	185	3·0	170	3·6	165	3·9	165	2·3	160	3·3	145	2·3	160	3·3	240	4·6	—	1·0	220	2·6
23	240	1·6	—	0·3	—	1·3	165	3·3	165	3·9	165	3·6	165	3·9	160	6·9	155	5·2	165	7·2	170	7·2	170	9·5
24	210	4·3	215	3·3	210	3·3	195	3·6	185	4·3	195	5·6	205	5·9	215	7·5	220	5·6	225	6·2	235	9·8	235	5·2
25	235	3·6	210	3·6	190	3·0	200	3·3	185	4·6	180	5·2	210	6·6	225	6·6	225	5·9	220	3·9	215	5·2	220	4·9
26	170	10·2	170	10·5	170	9·2	170	9·5	170	8·9	170	8·5	170	8·9	170	9·2	170	7·5	175	9·5	*195*	*11·0*	*200*	*11·7*
27	310	8·2	325	6·9	320	6·2	310	5·6	310	5·2	310	3·9	310	2·0	—	0·7	—	1·0	315	1·6	300	3·0	290	3·3
28	—	1·0	—	0·7	—	0·7	—	0·3	—	1·3	—	1·3	—	1·3	—	1·3	25	1·6	—	1·3	145	3·0	170	3·9
29	200	2·0	—	1·0	—	1·3	—	0·7	—	0·3	—	0·3	—	0·3	—	0·0	—	0·3	—	0·0	—	0·7	—	0·0
30	180	3·3	180	3·3	190	4·9	190	3·9	185	3·6	190	3·3	205	3·6	210	2·6	210	3·0	205	2·6	205	3·3	180	4·3
31	180	4·3	185	3·9	180	4·6	180	4·6	180	5·2	185	4·3	200	4·9	210	4·9	195	4·3	225	5·6	290	5·9	295	1·6
Mean ...	—	6·2	—	6·1	—	6·3	—	6·3	—	6·1	—	5·7	—	5·4	—	**4·9**	—	5·0	—	5·2	—	5·5	—	5·8

NOTE.—The values printed in italics are taken from the records of the Dines tube anemograph, the Robinson cup anemograph being out of action. The monthly means are computed from the hourly values as printed.

356. Cahirciveen (Valencia Observatory): H_a = 12 metres + 14 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·7	—	0·7	315	4·3	295	2·0	250	2·3	285	3·6	240	2·0	300	2·0	220	2·6	280	2·0	280	3·9	285	5·2
2	295	3·6	295	3·3	290	5·2	305	3·6	305	4·3	305	5·9	—	0·7	305	3·0	310	1·6	290	4·9	295	3·6	300	3·6
3	320	2·3	305	3·3	325	4·3	350	3·3	305	3·3	310	3·6	325	3·3	305	3·6	305	3·0	345	2·6	335	3·0	330	2·3
4	295	1·6	—	1·3	310	2·6	295	1·6	300	2·0	—	0·0	—	0·3	305	3·6	305	3·3	310	3·0	280	4·3	280	3·9
5	290	3·6	280	6·2	270	4·6	280	5·6	275	6·6	265	5·6	280	6·6	275	5·9	280	5·6	270	6·6	260	6·6	255	5·9
6	290	5·9	295	6·9	310	4·3	310	3·3	285	6·2	295	5·9	315	4·3	310	4·3	300	3·3	295	4·6	295	3·0	285	4·3
7	185	3·3	195	3·0	195	3·0	200	2·6	185	2·6	185	2·6	180	3·6	170	4·6	160	4·6	170	6·2	170	6·9	165	7·2
8	145	14·1	150	15·4	150	15·7	145	15·7	150	15·4	150	15·7	155	15·1	170	10·8	170	6·6	175	4·9	180	3·9	180	5·2
9	300	9·8	305	9·2	320	7·9	345	3·3	—	0·7	350	2·3	230	2·0	265	4·6	260	5·6	255	5·6	245	3·3	235	6·2
10	80	5·2	75	4·6	90	2·3	—	0·7	—	1·3	—	0·7	—	0·7	135	3·0	135	2·6	170	2·6	170	3·0	170	3·9
11	—	0·7	110	1·6	—	1·3	110	1·6	100	2·0	—	1·3	—	1·3	75	2·0	—	1·0	—	1·0	—	1·3	—	0·7
12	140	2·3	145	3·9	125	4·3	110	4·6	110	4·9	110	5·9	90	5·6	80	5·2	100	7·2	100	11·1	100	11·5	105	13·8
13	60	6·9	60	8·2	60	8·2	60	8·5	60	8·5	60	8·2	55	9·5	55	10·5	55	9·2	50	8·9	45	8·2	45	7·5
14	75	3·3	75	2·6	75	2·6	75	1·6	—	0·7	—	1·3	75	2·6	75	2·6	75	2·0	—	1·0	—	1·0	—	0·0
15	—	0·0	—	0·3	—	0·7	—	0·3	—	0·7	355	1·6	360	2·3	360	2·3	—	0·3	—	0·0	—	0·3	360	1·6
16	50	3·6	70	4·9	60	4·6	65	3·3	50	2·3	60	3·6	75	5·6	55	6·2	45	6·9	60	7·9	70	4·6	65	3·3
17	—	1·3	45	2·0	45	2·3	45	2·3	45	2·0	45	2·3	—	1·3	45	2·0	45	1·6	—	0·7	—	0·3	—	1·3
18	250	7·2	260	6·6	305	5·6	340	3·6	355	4·6	10	4·6	10	3·9	20	3·0	15	3·0	360	10·2	360	8·5	5	7·5
19	35	6·9	45	4·3	40	3·6	50	2·6	80	3·0	75	1·6	80	4·3	70	3·9	55	5·6	65	5·2	70	5·9	75	4·9
20	—	1·3	—	1·3	—	0·0	—	0·7	—	0·7	—	0·7	—	0·7	—	1·3	—	0·7	—	0·7	—	0·3	—	1·0
21	—	1·0	40	2·6	60	2·3	60	2·3	60	2·0	—	1·0	—	1·3	25	1·6	—	1·3	45	2·6	45	3·0	40	3·0
22	—	0·3	30	3·0	45	3·3	60	4·6	75	5·2	80	4·9	60	2·0	60	2·0	—	0·7	—	0·7	—	1·0	60	1·6
23	65	2·3	—	1·3	60	2·0	—	1·0	60	2·3	60	2·0	60	2·0	60	1·6	—	0·7	—	0·0	—	1·0	50	2·0
24	—	1·3	25	1·6	25	2·0	—	1·3	—	1·3	—	0·7	—	0·3	20	1·6	320	4·9	300	4·6	300	5·6	315	7·5
25	10	7·2	360	6·2	5	5·6	10	7·9	5	11·8	5	11·5	25	6·9	15	5·2	10	4·9	35	3·9	30	3·9	45	3·6
26	80	2·6	85	1·6	—	0·7	—	0·7	85	1·6	—	0·7	—	0·7	—	1·3	—	1·3	—	0·7	—	0·7	—	0·3
27	100	1·6	—	1·3	—	1·0	—	0·7	—	0·7	80	1·6	10	2·3	360	3·0	360	2·3	360	1·6	360	2·0	340	2·3
28	25	5·6	35	4·9	40	3·0	35	2·0	35	3·0	30	2·0	—	0·7	—	0·7	45	1·6	—	1·3	—	1·0	355	2·6
29	285	8·2	285	8·5	285	10·2	280	11·5	285	10·8	280	10·8	275	11·1	285	12·8	280	13·1	285	11·8	285	13·4	280	15·1
Mean ...	—	3·9	—	4·2	—	4·1	—	**3·5**	—	3·9	—	3·8	—	3·6	—	3·9	—	3·7	—	4·0	—	4·0	—	4·4
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres.

January, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
220	5·2	225	4·6	215	4·3	185	5·2	185	4·9	195	4·9	210	5·6	200	4·9	185	4·6	195	4·6	195	4·9	190	4·6	3·5	1
255	5·9	280	7·2	275	5·9	275	6·2	285	5·6	290	5·2	285	4·9	285	6·6	280	4·3	280	4·3	285	5·9	290	4·9	4·8	2
230	10·8	230	9·8	235	10·2	240	9·8	245	7·9	250	4·6	260	3·3	255	6·9	255	5·9	255	6·6	255	6·2	255	6·6	6·2	3
180	3·9	180	3·6	180	3·6	180	4·6	180	3·6	175	5·2	170	4·6	170	4·9	170	5·9	170	5·6	170	5·6	170	6·6	3·7	4
170	6·2	170	7·2	170	7·2	165	8·2	170	7·5	170	8·2	170	7·2	170	7·5	170	7·5	170	8·9	170	8·9	170	8·9	7·3	5
160	12·8	155	15·4	155	16·1	160	15·4	150	16·4	160	13·4	165	11·5	180	8·2	185	7·9	185	7·2	180	6·9	180	6·9	**11·9**	6
—	0·0	—	0·7	—	1·3	125	2·3	125	3·9	120	3·9	130	6·2	140	8·2	130	9·5	135	10·8	130	11·5	135	11·8	4·1	7
100	6·9	95	6·9	95	6·6	95	6·9	90	5·9	85	5·9	70	4·6	60	5·9	60	7·9	50	6·2	55	6·9	65	7·5	9·9	8
130	3·3	120	3·6	135	5·2	150	6·6	140	9·8	140	9·5	140	7·9	255	12·1	255	12·1	255	9·5	285	14·4	280	11·1	5·5	9
45	2·0	—	1·3	60	2·0	80	3·3	110	3·0	135	3·9	150	4·9	110	6·6	90	7·5	130	2·3	—	0·7	—	1·3	4·1	10
165	10·2	160	9·2	170	8·5	180	7·5	175	7·9	185	7·9	205	8·5	195	9·8	200	13·1	225	17·7	225	12·5	225	12·8	8·3	11
165	2·3	135	2·6	95	3·6	90	3·9	95	4·6	95	3·6	60	5·9	60	8·5	60	11·8	60	11·8	60	12·8	60	12·8	7·7	12
340	1·6	340	4·6	320	4·6	—	1·0	210	1·6	105	2·0	95	1·6	95	2·3	120	2·0	155	4·9	160	3·6	170	4·6	5·9	13
140	12·8	140	14·1	140	14·4	140	14·8	140	14·8	170	10·5	170	7·9	170	7·2	170	7·9	165	7·5	155	7·9	150	9·2	10·4	14
155	6·6	160	5·9	150	6·9	150	6·6	150	6·6	145	6·2	140	5·9	140	5·6	135	6·6	130	5·6	140	5·2	135	5·6	6·3	15
145	5·2	140	4·3	140	4·6	140	4·9	135	4·6	130	4·6	125	4·9	125	4·6	120	5·2	120	5·2	130	5·6	145	4·6	4·7	16
170	5·2	170	5·2	170	5·9	170	5·9	170	5·2	140	6·9	130	6·2	155	7·9	170	3·6	180	3·3	185	3·9	160	5·2	5·3	17
210	9·8	210	9·8	205	8·9	220	8·9	220	8·2	215	7·9	220	7·9	205	5·9	205	7·2	205	6·6	210	6·6	210	7·5	7·5	18
240	13·4	245	12·8	250	12·8	250	12·8	250	11·1	250	11·1	255	10·2	245	10·5	245	9·8	245	11·5	245	11·5	250	10·2	9·8	19
170	5·2	170	4·9	170	5·6	165	6·6	160	6·6	155	9·8	150	9·8	150	10·2	145	13·8	150	12·1	155	9·8	160	10·2	7·2	20
160	11·5	155	12·1	160	14·4	160	14·8	160	13·8	165	15·1	165	11·8	165	12·1	190	9·5	210	4·9	210	4·9	195	3·3	9·8	21
185	3·3	190	3·9	220	4·6	240	4·6	240	3·3	—	0·3	—	0·3	—	1·3	—	1·3	240	1·6	—	1·3	—	1·3	2·7	22
170	8·2	170	9·8	170	11·5	170	11·8	170	11·5	170	11·8	170	10·8	170	10·2	175	9·2	175	6·2	215	4·9	200	3·9	6·8	23
235	5·6	230	4·6	230	5·6	290	3·6	—	0·0	285	3·3	280	2·3	265	1·6	265	3·0	245	5·9	260	3·6	240	5·9	4·5	24
210	5·6	200	4·6	190	4·9	190	4·3	185	5·2	180	5·2	180	5·9	175	5·6	175	6·6	175	7·5	170	9·2	170	10·5	5·4	25
205	*11·7*	180	8·9	185	9·8	190	10·5	190	9·2	190	9·2	195	9·8	200	10·8	255	11·1	290	9·5	290	8·9	320	8·9	9·7	26
280	4·3	270	3·9	290	3·9	295	4·3	300	2·0	—	0·0	—	0·3	—	0·0	—	0·0	—	0·7	—	1·3	—	0·7	3·0	27
210	3·6	215	3·3	215	3·3	215	2·3	215	2·0	185	3·3	175	3·6	175	3·3	175	3·3	175	3·0	200	2·6	210	1·6	2·2	28
—	0·0	—	0·7	—	0·0	—	0·3	—	1·0	205	2·3	200	2·3	195	2·3	190	2·0	190	3·3	180	3·3	180	3·3	**1·1**	29
175	3·9	175	4·6	175	3·9	175	3·6	175	4·3	180	3·6	180	3·3	195	3·3	185	5·2	180	3·3	185	3·9	180	4·6	3·7	30
—	0·3	—	1·0	300	4·3	325	5·2	335	4·6	335	2·6	—	1·0	335	2·0	325	2·3	300	3·3	290	3·3	—	1·0	3·6	31
—	6·0	—	6·2	—	6·6	—	6·7	—	6·3	—	6·2	—	5·8	—	6·3	—	**6·7**	—	6·5	—	6·4	—	6·4	6·0	

February, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
280	4·3	285	6·2	285	6·6	265	4·6	275	5·2	275	3·9	285	3·9	285	3·6	290	2·6	300	3·6	285	6·2	285	5·6	3·6	1
300	5·2	295	5·6	305	4·3	300	4·9	305	4·3	320	4·9	315	4·6	335	3·3	315	4·6	320	3·6	325	4·6	315	4·6	4·1	2
330	2·3	315	2·6	310	2·6	310	3·3	310	3·3	295	3·3	315	2·3	320	1·6	305	1·6	305	2·3	310	3·0	300	3·6	2·9	3
270	3·6	270	3·3	270	3·3	275	3·6	280	4·3	270	3·6	270	3·6	270	3·0	270	3·6	270	3·6	250	3·3	280	4·6	2·9	4
270	5·9	270	7·2	270	7·2	275	8·2	280	8·5	285	8·2	285	6·9	280	7·2	280	7·9	280	8·2	285	7·5	285	7·9	6·6	5
255	4·6	255	5·6	300	2·3	—	1·3	285	2·0	—	1·0	—	1·3	—	0·7	—	0·3	—	1·0	—	1·3	190	2·0	3·4	6
170	7·5	165	7·5	160	6·9	155	7·9	145	8·5	160	8·2	165	8·5	160	9·8	150	11·1	155	10·8	145	11·8	145	13·1	6·5	7
165	3·9	165	4·6	150	5·2	140	5·9	135	3·0	95	1·6	—	1·3	55	2·0	330	6·2	320	4·3	310	6·9	315	10·5	8·1	8
230	4·6	220	4·3	215	3·6	200	2·6	195	2·0	165	4·3	155	4·6	135	5·9	130	6·2	130	5·6	105	5·6	95	5·6	4·9	9
145	4·3	140	2·6	140	2·6	165	3·6	170	2·0	160	1·6	115	4·3	110	3·6	110	3·0	—	1·0	—	1·0	—	1·0	2·0	10
—	1·0	180	2·0	—	1·0	225	2·0	225	1·6	225	1·6	225	1·6	—	1·3	—	1·3	—	1·0	130	2·3	—	1·0	1·4	11
105	10·5	100	9·2	100	9·2	90	9·5	90	8·9	90	9·2	90	10·8	80	11·1	75	8·9	65	8·2	65	8·9	75	9·5	7·9	12
50	8·9	55	9·8	60	9·8	55	8·5	55	6·2	45	6·6	50	4·9	55	4·9	60	4·3	60	3·6	30	4·6	50	4·6	7·6	13
—	0·3	145	2·0	150	2·0	—	1·3	—	1·3	—	0·0	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	1·3	14
310	2·6	300	3·6	305	5·6	310	4·9	320	4·6	330	5·2	330	5·6	335	4·9	350	4·9	55	3·9	40	3·3	20	3·3	2·6	15
60	5·6	70	6·9	70	5·9	90	4·6	85	3·9	85	3·6	85	3·6	100	3·0	—	1·3	105	2·0	75	1·6	—	0·7	4·2	16
155	2·6	160	2·6	200	3·0	210	3·0	225	3·3	235	3·0	245	3·9	250	4·3	250	3·3	265	4·6	260	6·2	260	6·9	2·6	17
30	8·2	35	7·9	35	8·5	30	8·9	30	9·5	25	10·5	20	7·2	30	7·2	35	5·2	40	3·9	70	3·9	75	7·2	6·5	18
55	4·6	55	4·9	35	4·3	20	3·9	25	3·0	35	3·0	40	3·6	40	2·0	45	1·6	30	3·3	50	5·9	85	3·6	4·1	19
—	1·0	90	1·6	—	0·3	—	1·0	305	1·6	310	2·3	310	1·6	—	0·3	—	0·0	—	0·7	—	0·3	—	0·0	**0·9**	20
55	2·3	10	2·6	10	3·9	340	3·3	335	3·3	350	4·6	355	3·6	25	4·3	45	1·6	50	2·3	65	3·3	—	1·3	2·5	21
290	3·3	310	3·9	330	4·3	345	2·6	360	4·3	70	4·6	75	7·9	70	6·9	70	5·6	60	4·9	60	4·6	75	2·0	3·5	22
55	2·0	45	1·6	—	1·0	360	3·9	360	3·3	360	3·0	10	2·3	25	2·0	25	2·0	—	0·7	—	1·0	25	2·0	1·8	23
315	6·6	310	6·9	315	8·9	320	10·5	330	10·8	330	11·5	335	10·8	350	9·2	310	8·5	5	5·9	360	5·2	10	9·5	5·6	24
30	4·6	30	4·9	30	5·6	15	4·9	5	4·6	10	3·3	25	5·6	20	5·9	30	4·9	35	5·9	55	3·3	—	1·3	5·7	25
330	3·3	325	4·3	325	4·3	325	5·6	350	4·9	20	1·6	—	0·7	—	0·3	—	0·3	—	0·3	—	0·3	—	0·7	1·7	26
320	3·9	295	4·6	305	3·6	300	5·6	305	3·9	300	2·3	310	3·0	310	3·3	15	7·9	50	8·5	50	6·6	30	6·2	3·3	27
330	3·6	340	6·9	340	3·9	330	3·3	320	2·6	305	3·3	280	5·2	280	5·6	285	4·3	310	4·9	285	5·9	295	6·6	3·5	28
285	13·8	305	11·5	315	10·2	315	11·1	310	10·8	310	12·1	310	10·8	320	12·1	320	12·5	315	11·5	310	10·8	310	10·8	**11·4**	29
—	4·7	—	**5·1**	—	4·8	—	5·0	—	4·7	—	4·5	—	4·6	—	4·5	—	4·3	—	4·2	—	4·5	—	4·7	4·2	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second.

357. Cahirciveen (Valencia Observatory) : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	320	11·1	310	12·1	320	11·5	325	12·5	325	11·8	325	10·8	325	8·2	320	7·5	310	5·6	300	6·9	265	7·9	255	6·6
2	275	5·6	220	6·2	220	6·6	260	6·9	270	6·6	295	2·6	25	3·0	30	4·3	35	2·3	—	1·0	35	4·3	10	5·9
3	290	10·8	330	6·6	300	5·9	320	3·6	315	6·6	240	4·9	260	6·2	255	5·6	260	8·2	290	7·5	295	1·6	35	3·0
4	210	3·6	—	1·3	—	0·3	135	2·0	130	2·3	—	1·3	100	1·6	100	2·6	80	2·0	—	0·3	130	1·6	—	1·3
5	200	6·2	215	6·2	235	6·2	255	5·9	270	5·9	310	5·9	340	13·4	350	11·8	345	10·8	340	10·2	340	10·2	345	7·9
6	100	2·0	—	1·0	—	0·3	—	1·0	—	0·7	—	1·0	60	2·0	—	1·3	60	2·0	—	1·0	—	1·0	155	2·3
7	150	2·0	155	2·0	160	3·3	160	3·3	160	3·3	160	2·3	160	3·3	160	4·6	140	5·2	150	5·6	155	5·6	155	7·5
8	150	7·9	140	6·9	135	5·9	135	6·2	135	6·6	135	6·9	135	6·6	130	5·6	130	6·6	130	6·2	130	7·2	140	7·2
9	140	8·5	140	7·2	135	7·9	135	7·9	140	7·5	135	6·9	115	5·9	110	5·9	110	6·2	110	6·9	115	7·5	115	7·5
10	110	11·1	90	7·2	110	7·2	110	8·5	110	7·5	110	8·9	100	8·9	110	11·1	110	10·2	110	10·2	100	5·2	95	6·6
11	115	6·9	120	8·9	120	10·2	120	8·5	115	9·8	105	9·8	120	8·2	115	8·5	125	9·2	130	8·2	130	8·2	135	8·2
12	125	9·5	125	9·2	125	9·8	130	10·5	140	10·5	135	10·2	135	10·2	135	10·5	130	10·2	125	10·2	125	10·5	130	10·2
13	130	9·2	125	8·9	140	8·5	135	8·9	130	7·9	105	7·9	85	6·6	85	6·9	90	7·5	90	6·9	90	7·9	100	7·9
14	85	7·5	80	7·2	85	7·2	100	8·9	110	9·5	100	8·2	115	3·6	75	1·6	110	4·3	115	5·6	105	4·6	105	4·3
15	90	3·6	115	4·3	60	3·3	65	3·3	105	2·0	90	2·6	—	1·0	35	2·0	40	1·6	—	0·7	—	1·0	60	1·6
16	20	1·6	25	2·6	35	2·0	—	1·3	35	2·0	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·7
17	150	1·6	—	0·3	—	0·0	—	0·0	—	0·7	105	1·6	—	1·3	—	0·7	—	0·0	—	0·0	—	0·3	—	1·3
18	90	4·6	140	1·6	—	1·3	—	1·3	100	2·6	90	3·6	90	4·3	90	4·9	90	4·6	95	3·9	95	3·0	100	4·6
19	—	1·0	—	0·3	—	0·3	60	2·6	70	3·0	70	3·3	70	3·9	70	3·6	70	3·0	90	4·6	105	5·2	100	3·9
20	100	4·9	85	3·6	75	2·3	75	4·3	80	6·2	95	7·5	95	7·9	90	7·9	75	6·9	90	7·5	105	7·5	105	8·2
21	120	6·6	120	7·2	130	8·2	130	9·2	120	8·2	130	9·5	130	8·9	130	8·2	145	7·9	155	5·6	170	4·6	175	5·9
22	225	5·9	225	5·2	225	4·9	225	3·9	210	3·0	200	3·0	200	3·9	195	3·9	190	3·9	180	5·9	170	6·6	170	7·2
23	160	4·6	165	3·9	175	3·3	180	3·0	—	1·0	—	1·0	180	2·3	180	2·0	—	0·3	—	0·3	—	1·3	210	2·0
24	245	4·6	245	4·3	225	3·0	220	3·0	225	2·0	200	3·3	195	2·6	195	3·0	170	3·0	165	3·6	165	4·3	170	5·9
25	155	3·6	160	4·6	140	3·0	115	2·6	120	1·6	—	1·3	—	0·7	115	3·3	110	3·3	120	2·3	150	3·0	160	3·9
26	—	1·3	105	4·6	100	2·6	95	1·6	—	1·0	—	1·0	90	2·0	95	2·3	100	3·0	90	3·6	70	3·0	65	2·3
27	70	3·3	80	3·0	80	2·3	55	3·0	70	4·3	75	1·6	—	1·3	—	1·0	75	2·0	65	2·3	90	2·6	100	3·0
28	100	3·0	90	2·3	110	3·0	110	1·6	95	3·9	95	3·9	95	1·6	—	0·7	—	0·0	100	1·6	100	3·3	100	2·0
29	70	1·6	75	4·6	80	5·6	75	6·6	75	6·9	70	6·6	70	7·2	65	7·5	65	6·2	70	4·6	60	4·3	60	5·6
30	65	3·9	55	3·3	50	5·2	50	6·6	60	4·3	60	4·3	60	3·9	55	3·9	55	4·6	50	4·9	60	4·6	40	5·9
31	—	1·0	75	2·0	—	1·0	—	0·3	75	1·6	—	1·3	75	2·0	—	0·7	—	0·3	—	1·0	210	4·3	220	5·2
Mean ...	—	5·1	—	4·8	—	4·6	—	4·8	—	4·9	—	4·6	—	4·6	—	4·6	—	4·5	—	4·5	—	4·6	—	5·0

358. Cahirciveen (Valencia Observatory) : H_a = 12 metres + 14 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	1·0	—	0·7	—	1·3	50	2·3	50	2·6	50	1·6	50	2·0	50	1·6	—	0·7	—	0·3	45	2·0	295	2·0
2	—	1·3	—	1·3	65	1·6	—	1·3	—	1·3	65	1·6	65	1·6	—	1·3	—	0·7	—	1·3	90	1·6	90	1·6
3	75	2·0	60	2·3	85	3·3	50	3·3	50	1·6	50	1·6	—	1·0	—	0·7	30	2·0	90	3·6	60	3·9	50	4·6
4	—	0·7	60	1·6	60	2·6	60	2·6	50	3·3	—	0·7	65	3·3	35	3·0	70	5·2	55	4·3	55	4·3	50	5·9
5	85	3·3	85	3·3	90	5·6	85	4·9	40	3·0	350	4·3	10	1·6	5	3·3	55	4·6	65	6·9	35	6·6	25	7·2
6	40	3·9	25	3·3	25	3·0	45	3·6	45	3·3	40	3·9	35	3·0	40	3·0	40	5·9	20	5·6	20	4·9	15	4·3
7	—	0·7	—	0·0	—	0·3	—	1·0	—	0·3	335	1·6	—	1·3	—	0·7	—	0·3	310	2·3	280	3·0	275	3·9
8	295	5·2	280	5·2	280	4·9	280	6·2	290	6·6	290	6·9	300	6·2	310	5·9	320	5·6	325	3·6	305	5·2	325	4·3
9	—	0·7	—	1·3	325	3·3	320	3·0	320	2·0	20	2·0	—	0·7	—	1·3	120	2·3	—	1·3	280	2·6	245	7·2
10	5	3·6	340	4·3	5	7·5	340	8·9	335	8·5	340	9·5	325	10·2	315	10·2	295	9·8	310	8·2	325	10·5	320	5·9
11	335	8·2	330	7·5	330	6·2	335	2·6	330	1·6	280	2·0	250	2·0	240	2·6	205	3·9	175	3·0	190	3·3	220	6·6
12	305	12·8	315	12·5	320	13·1	310	9·8	320	10·8	330	8·9	320	10·2	330	10·5	330	11·1	325	11·8	330	11·5	320	9·2
13	230	3·3	255	3·0	265	5·6	260	3·9	260	6·2	260	4·9	210	4·3	260	3·9	275	3·9	240	5·6	280	3·3	200	3·3
14	50	2·6	50	3·0	50	3·9	50	3·9	35	2·6	—	1·3	25	1·6	25	1·6	35	2·3	30	3·0	45	1·6	—	1·0
15	335	1·6	335	2·0	335	2·0	—	1·3	335	2·0	25	1·6	30	2·3	—	0·7	5	2·6	275	3·9	275	5·6	280	5·6
16	—	0·7	—	1·0	350	2·3	25	2·0	25	2·3	25	2·3	—	1·3	360	2·0	210	2·3	50	3·0	75	3·9	120	3·6
17	95	3·3	110	3·6	105	3·6	115	3·0	115	3·3	105	3·0	100	3·3	105	3·6	115	2·0	125	2·6	160	5·2	170	6·2
18	175	5·2	175	5·2	175	5·6	175	6·9	175	6·2	175	6·6	175	5·6	175	6·6	175	6·9	175	6·9	175	7·9	175	7·5
19	175	3·6	175	3·3	175	2·6	175	3·3	175	3·3	185	3·0	180	3·9	170	4·9	170	5·9	170	5·9	175	5·2	180	4·3
20	—	0·3	—	0·0	—	0·0	—	0·0	—	0·3	—	0·7	—	0·0	—	0·0	—	0·3	—	1·0	—	0·7	—	1·0
21	350	3·3	—	0·7	—	0·7	—	1·3	—	0·7	—	0·0	—	0·3	—	0·7	5	3·9	20	4·9	35	6·6	50	5·2
22	—	0·7	—	0·3	—	0·7	—	0·3	—	0·0	—	1·0	60	1·6	—	0·3	—	1·0	230	1·6	245	2·3	245	2·6
23	185	1·6	—	1·0	—	1·0	—	0·7	—	0·7	—	0·7	145	3·9	105	4·6	120	4·3	95	5·6	105	5·2	115	5·9
24	175	5·2	175	6·2	170	6·9	175	5·6	180	5·6	180	4·9	180	4·6	175	5·2	175	5·6	170	5·6	175	5·6	190	6·2
25	170	7·5	165	8·9	165	8·5	165	9·2	170	10·5	170	9·5	170	9·5	170	10·5	175	8·9	175	8·9	170	8·9	175	10·2
26	180	5·6	175	5·9	175	5·6	175	5·9	160	5·2	165	4·6	165	6·6	165	6·6	165	6·9	175	7·2	175	6·6	185	5·6
27	180	4·9	175	4·6	175	4·9	160	5·9	160	5·6	135	3·9	75	4·6	—	1·3	345	5·9	290	8·5	285	12·8	280	12·5
28	220	8·9	225	10·5	230	11·1	230	11·5	240	15·1	250	12·8	255	7·9	255	8·2	250	5·9	250	8·9	235	11·1	240	11·5
29	240	2·3	215	2·0	205	2·0	190	2·6	180	3·0	135	2·3	85	1·6	140	3·9	145	5·2	165	7·9	220	6·2	230	10·8
30	220	10·8	220	11·5	230	13·4	235	17·4	240	17·0	250	12·8	255	11·5	260	11·5	270	9·5	265	8·2	270	8·5	265	6·9
Mean ...	—	3·8	—	3·9	—	4·4	—	4·5	—	4·4	—	4·0	—	3·9	—	4·0	—	4·5	—	5·0	—	5·6	—	5·8

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

Averages for periods of sixty minutes centred at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres. **March, 1924.**

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
265	9·5	265	8·5	285	4·9	260	9·5	250	9·8	260	9·5	300	10·8	305	8·9	285	9·5	295	11·8	305	9·2	275	5·9	9·3	1
355	6·9	335	7·9	340	3·3	360	2·0	355	3·6	305	4·9	295	2·6	—	0·7	315	7·2	355	4·9	325	2·6	305	9·2	4·6	2
355	3·6	335	5·6	325	6·2	325	6·2	330	4·9	305	3·9	320	5·6	330	4·6	335	2·3	—	0·3	—	1·3	240	2·6	5·0	3
180	3·0	185	3·0	200	3·3	210	3·3	200	3·0	200	2·6	185	4·6	180	4·6	180	4·6	175	5·9	180	5·6	195	7·5	2·9	4
5	7·9	5	7·5	355	6·2	15	5·2	10	5·9	10	5·2	10	3·6	15	3·0	70	2·0	60	3·0	50	2·3	50	3·3	6·6	5
160	2·6	165	3·0	175	3·9	170	4·6	165	5·2	155	4·6	165	3·9	160	3·6	150	5·2	150	3·9	150	3·9	150	2·3	2·6	6
155	6·6	150	6·6	150	6·2	150	6·6	155	5·9	140	5·6	135	5·9	140	5·6	145	6·2	145	6·6	155	6·6	155	6·6	5·0	7
135	6·9	135	6·6	130	6·6	140	6·2	140	7·2	140	8·5	140	8·9	140	8·5	140	7·2	140	7·5	135	6·6	140	8·9	7·0	8
130	7·5	135	6·9	130	6·9	135	6·6	120	6·9	120	8·9	115	8·5	110	8·9	100	9·5	100	10·8	100	12·1	95	10·5	7·9	9
110	7·2	100	8·5	110	9·8	110	9·5	115	5·9	110	7·5	105	8·2	100	8·5	100	8·2	105	9·2	100	8·2	105	7·9	8·4	10
140	8·5	130	6·9	130	7·9	120	7·5	125	6·9	120	7·2	120	7·9	115	7·9	120	7·5	130	8·2	135	8·5	130	9·2	8·3	11
130	10·5	120	10·2	120	10·2	125	11·5	130	11·1	130	10·2	135	10·8	135	10·8	135	10·2	140	10·8	140	9·5	135	8·5	**10·3**	12
110	8·5	100	8·5	95	9·8	90	11·8	85	11·5	90	12·8	95	12·8	100	12·5	110	9·2	110	9·8	100	8·5	90	7·2	9·1	13
85	4·3	100	3·9	95	3·9	100	6·2	95	6·9	115	9·5	110	9·2	100	7·5	105	8·2	105	7·5	110	5·9	100	3·0	6·3	14
220	3·3	230	2·6	250	3·0	300	2·3	300	3·0	300	1·6	—	1·0	—	0·3	310	2·0	—	1·3	20	1·6	—	1·3	2·1	15
310	2·6	295	3·3	310	3·3	310	2·0	—	1·3	—	0·0	—	0·0	—	1·3	60	4·3	—	1·3	—	0·0	—	1·3	**1·3**	16
315	2·0	315	2·0	325	3·0	350	1·6	—	1·3	—	1·3	—	0·3	80	2·6	95	2·6	100	2·6	100	2·6	90	3·0	**1·3**	17
90	2·6	110	3·9	115	2·6	115	2·6	115	2·3	115	2·3	115	2·0	—	1·3	—	1·3	115	2·0	115	1·6	—	1·3	2·8	18
110	3·0	100	2·0	120	4·3	105	5·9	105	4·9	100	3·3	105	3·0	100	3·9	90	4·9	110	4·3	105	5·6	105	6·2	3·5	19
105	7·9	105	7·2	110	6·2	120	5·9	120	6·2	110	6·6	110	5·9	95	5·2	100	6·6	100	6·9	110	6·6	120	6·2	6·3	20
175	6·2	175	6·2	180	5·6	180	6·9	180	5·6	185	4·3	185	4·3	190	4·6	185	4·9	185	5·9	210	6·2	225	6·9	6·6	21
155	7·2	145	7·2	135	6·2	135	6·9	140	6·9	120	6·6	100	8·2	100	8·5	110	7·9	110	5·6	130	6·2	150	5·2	5·9	22
230	3·0	230	2·0	230	4·6	230	4·3	230	5·2	225	4·6	225	5·9	235	6·2	240	7·5	240	7·5	240	7·5	235	8·5	3·8	23
170	6·6	170	4·6	170	4·9	170	3·9	170	3·6	170	3·6	170	2·6	170	2·0	170	3·9	170	5·2	165	3·9	130	3·0	3·9	24
165	3·3	170	3·3	170	3·6	170	3·6	170	3·6	170	3·3	170	2·6	170	2·0	—	0·7	—	0·0	—	0·3	—	0·3	2·5	25
90	3·3	70	3·3	65	4·6	85	5·9	90	3·9	75	2·6	55	3·0	55	3·6	55	2·6	60	3·6	60	3·9	70	3·3	2·9	26
100	3·6	50	3·0	50	4·3	50	3·3	60	2·0	40	3·6	40	4·3	45	5·2	50	4·6	55	3·0	55	1·6	—	1·0	2·9	27
100	2·3	—	1·0	—	1·3	90	2·6	65	4·9	65	3·9	65	3·0	65	2·0	65	2·3	65	2·0	70	3·0	—	1·3	2·3	28
65	5·2	55	3·9	55	4·9	55	4·6	55	5·2	50	5·2	50	5·6	60	4·6	60	4·3	60	4·6	60	5·2	55	3·6	5·1	29
55	5·2	60	5·6	45	5·2	40	5·6	45	4·3	50	3·3	50	2·6	45	3·6	45	2·3	—	1·3	—	0·7	50	2·0	4·1	30
220	3·9	305	3·9	340	3·9	360	3·9	340	4·3	335	5·9	335	2·6	—	0·7	—	0·3	—	0·3	40	2·0	50	2·6	2·3	31
—	5·3	—	5·1	—	5·2	—	**5·4**	—	5·3	—	5·3	—	5·2	—	4·6	—	5·2	—	5·1	—	4·8	—	4·8	4·9	

April, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
305	2·3	275	3·0	295	2·0	310	5·2	310	5·9	305	5·9	315	2·0	50	2·0	60	1·6	65	3·0	65	2·0	65	1·6	2·3	1
85	1·6	105	2·3	70	2·3	80	2·0	190	3·3	205	1·6	205	2·6	205	2·0	205	1·6	205	2·0	70	2·6	105	2·0	1·8	2
55	4·9	50	3·9	60	3·9	45	5·2	50	5·9	50	4·6	60	2·6	—	1·0	—	0·7	60	1·6	—	1·0	60	1·6	2·8	3
55	6·9	75	5·9	55	5·2	60	5·9	45	5·6	55	5·2	50	4·3	50	2·6	50	3·0	50	2·3	50	1·6	50	2·0	3·7	4
25	7·5	40	8·2	5	8·9	360	8·5	360	8·5	360	6·9	5	7·9	5	7·5	10	5·6	25	2·3	—	1·0	25	3·0	5·4	5
5	4·3	355	4·3	330	6·6	335	6·6	335	5·2	335	6·2	335	5·2	335	3·9	335	3·9	335	2·6	—	1·3	335	2·0	4·2	6
265	5·2	265	4·6	265	5·6	260	5·2	260	5·2	300	4·6	315	3·0	310	3·9	310	3·6	310	3·6	310	2·3	300	3·9	2·7	7
325	4·6	310	3·0	280	4·9	285	6·2	295	4·3	295	4·9	320	5·2	285	6·2	300	4·6	315	4·9	350	4·9	—	0·7	5·1	8
240	5·6	280	6·9	265	7·2	310	5·9	270	5·9	285	8·2	280	7·5	270	7·5	315	6·9	330	4·6	355	6·9	15	3·9	4·3	9
310	9·8	330	10·8	320	13·1	330	12·8	330	13·1	330	14·4	330	13·1	330	11·5	340	10·5	330	11·5	335	10·8	340	8·9	**9·8**	10
245	9·5	250	7·9	270	6·9	270	7·9	275	10·5	285	10·2	275	10·8	270	10·2	275	14·8	290	11·8	300	11·5	300	12·8	7·2	11
320	8·9	325	8·9	330	7·5	330	6·6	300	5·6	295	3·3	—	1·0	—	1·3	35	3·0	120	3·6	150	6·6	170	7·9	8·3	12
200	3·6	190	2·3	185	2·3	185	1·6	310	3·6	320	3·0	335	2·3	—	1·0	30	2·6	50	2·6	—	1·3	50	2·0	3·4	13
320	4·3	320	4·9	320	5·9	320	5·9	310	5·9	310	5·6	330	4·9	335	3·3	335	2·3	335	2·0	335	1·6	—	1·0	3·2	14
285	5·9	285	5·9	280	5·6	280	6·2	270	4·9	285	5·9	270	6·2	280	4·3	280	5·2	280	5·6	295	2·6	—	1·3	3·8	15
130	4·3	160	4·6	165	5·2	155	4·6	145	4·9	120	3·9	100	5·6	110	6·9	110	6·9	105	5·9	105	4·6	105	5·9	3·7	16
170	5·2	175	4·9	175	4·6	175	4·9	175	4·6	175	5·2	175	4·6	175	4·9	160	5·9	160	5·9	160	5·6	170	4·9	4·3	17
180	6·2	175	7·2	175	7·9	175	7·2	175	5·9	180	6·2	175	4·9	180	3·6	180	3·6	180	4·3	180	4·3	175	4·9	6·0	18
180	4·6	180	3·3	180	3·6	195	3·0	190	2·0	190	2·3	190	2·0	190	1·6	190	2·0	—	0·7	—	1·0	—	0·0	3·2	19
260	2·6	295	2·3	295	2·6	295	3·0	300	4·3	310	3·9	320	2·3	320	2·0	320	1·6	320	2·3	345	2·3	350	4·3	**1·5**	20
45	4·6	25	4·9	20	3·6	60	3·3	60	3·6	60	3·3	145	2·0	—	1·0	—	0·0	—	0·0	115	1·6	95	2·0	2·5	21
245	3·3	245	3·6	245	4·3	245	4·6	245	3·3	245	2·6	245	1·6	—	0·7	220	2·3	190	2·6	185	2·3	185	2·0	1·9	22
140	6·6	145	6·9	140	5·2	135	5·6	145	6·6	160	5·2	195	3·6	200	3·3	200	4·6	190	4·9	180	5·6	180	4·6	4·0	23
185	4·6	180	5·6	180	6·9	190	7·2	190	6·6	185	5·6	185	5·6	175	6·6	170	6·2	170	5·9	175	5·6	170	7·2	5·8	24
170	11·8	180	9·5	180	8·9	175	6·9	175	6·9	175	7·5	175	6·6	165	7·2	155	7·2	165	8·2	165	9·2	175	5·9	8·6	25
195	4·3	195	4·9	235	8·5	255	13·4	260	14·4	260	14·4	250	14·1	250	12·8	240	12·5	235	8·5	230	6·2	205	4·3	8·0	26
265	11·5	250	11·8	240	12·5	230	10·5	220	8·9	225	7·2	190	3·9	180	4·9	180	5·6	180	5·6	200	6·6	225	8·9	7·1	27
235	13·1	235	12·5	235	11·1	240	10·2	240	10·8	240	9·2	245	8·9	245	7·9	240	7·5	240	6·6	240	4·9	240	3·9	9·7	28
230	10·5	230	9·2	230	9·2	230	11·8	225	10·5	225	9·2	220	8·9	220	9·2	220	8·2	225	9·2	220	9·8	220	11·1	6·8	29
255	7·2	245	7·9	245	7·5	255	6·6	260	6·2	265	6·2	270	4·9	270	4·3	270	3·9	270	3·0	270	3·6	260	3·6	8·7	30
—	6·2	—	6·1	—	6·3	—	**6·5**	—	6·4	—	6·1	—	5·3	—	4·8	—	4·9	—	4·6	—	4·4	—	4·3	5·0	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second.

359. Cahirciveen (Valencia Observatory) : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	255	5·2	250	5·6	245	5·2	250	3·6	265	2·6	250	3·6	240	6·2	245	3·0	220	2·6	250	3·0	240	4·9	255	3·3
2	130	2·3	10	2·0	270	1·6	225	1·6	—	1·3	225	1·6	225	1·6	230	3·3	240	4·3	240	4·3	245	3·9	250	4·3
3	320	4·3	325	4·6	330	6·6	20	3·9	25	3·9	30	4·6	20	3·9	5	3·9	10	3·3	360	3·6	330	6·9	330	7·2
4	25	1·6	—	1·0	—	0·3	—	0·7	60	1·6	60	1·6	—	1·3	—	1·0	155	2·3	205	3·5	250	4·3	220	2·6
5	295	6·9	290	7·5	295	8·2	290	9·2	290	9·2	290	9·2	290	10·2	285	10·2	285	9·5	290	9·8	290	6·6	280	8·2
6	250	9·2	250	7·9	250	6·9	245	6·9	240	6·9	240	3·3	260	4·3	245	3·9	235	6·2	210	7·5	230	6·9	230	6·2
7	295	9·2	325	11·1	330	9·8	320	9·8	330	8·5	320	8·9	315	9·5	300	9·8	305	9·5	305	8·5	295	8·9	315	6·9
8	285	9·2	295	9·8	310	7·2	310	6·2	320	6·6	330	6·9	340	7·9	335	8·5	325	10·5	320	9·2	320	8·9	325	8·9
9	135	3·6	150	4·3	165	5·9	155	5·6	150	7·9	155	7·9	155	8·9	170	7·2	175	8·2	180	8·2	185	6·9	185	5·2
10	205	3·6	220	2·6	—	1·3	200	2·3	175	4·6	170	3·9	225	3·3	215	2·6	195	3·9	205	6·2	215	4·6	190	4·9
11	220	2·6	210	2·6	200	2·3	200	3·0	205	3·0	195	3·0	175	3·0	175	3·3	180	3·6	175	3·3	175	3·6	175	3·6
12	—	1·3	—	1·0	—	1·3	30	2·0	30	1·6	30	1·6	—	1·3	150	3·3	170	4·3	175	5·2	165	6·2	170	5·9
13	230	3·0	230	2·0	220	1·6	185	2·6	190	2·6	220	5·2	245	5·2	245	4·9	225	4·6	210	5·2	210	4·6	195	4·9
14	165	4·9	170	3·9	170	4·3	175	4·9	170	3·9	190	4·3	200	2·0	205	3·6	200	3·0	190	5·9	190	6·2	195	7·2
15	185	3·9	180	3·3	180	3·6	170	4·9	170	4·3	155	6·2	185	3·9	175	5·2	190	4·3	220	5·6	185	4·3	200	7·2
16	260	6·9	260	6·9	260	5·9	245	6·6	250	5·2	250	4·6	250	5·9	240	6·6	245	6·2	245	5·2	255	4·6	250	4·9
17	190	2·3	180	2·6	180	3·3	180	2·6	180	3·3	180	3·0	175	5·9	170	6·2	170	5·9	170	5·9	170	7·2	170	7·5
18	150	3·3	150	3·3	150	3·3	145	3·3	140	3·3	130	2·6	130	1·6	140	1·6	160	1·6	—	1·3	190	2·6	260	3·0
19	—	1·0	80	2·0	85	3·6	90	1·6	100	5·2	55	4·3	65	3·3	70	3·6	85	6·6	95	5·2	90	6·2	80	4·6
20	170	6·6	170	6·6	170	4·6	170	5·9	150	4·9	140	6·9	135	6·6	130	8·9	120	9·2	105	9·5	100	9·5	110	10·5
21	165	5·6	165	4·9	155	5·2	140	5·9	140	6·6	130	6·9	120	4·3	125	4·6	140	4·3	140	4·6	150	5·6	155	6·6
22	160	6·6	160	6·6	165	6·9	170	7·5	170	7·5	170	7·9	170	8·2	175	8·5	175	9·2	180	8·9	180	7·5	185	8·2
23	180	6·2	175	6·2	175	8·5	180	7·2	210	3·9	225	5·6	220	6·6	220	6·6	210	7·5	220	8·9	205	9·5	200	7·9
24	195	4·3	195	4·6	205	5·2	215	5·2	195	4·6	220	6·6	225	6·9	230	7·9	235	8·5	240	9·5	245	9·5	255	6·9
25	305	4·3	295	5·2	290	5·2	285	4·9	285	4·9	280	4·3	280	3·6	290	4·6	290	4·6	300	5·6	295	6·2	290	6·2
26	295	4·3	295	3·6	285	3·6	295	3·6	295	3·3	280	3·6	285	2·3	—	0·7	255	3·6	220	3·3	220	4·9	205	5·2
27	180	5·9	185	6·2	185	6·2	180	6·6	180	6·6	175	6·6	175	6·6	175	6·6	175	7·2	170	8·2	175	7·5	180	5·6
28	170	3·9	160	4·9	160	3·6	160	4·9	140	4·6	140	4·9	145	5·9	145	5·2	145	6·2	135	6·6	145	6·9	160	6·2
29	100	5·2	85	4·3	95	4·9	80	5·6	90	7·5	85	8·5	85	6·6	75	5·2	95	6·2	115	6·2	100	4·6	105	4·9
30	160	4·6	150	3·6	120	5·6	105	4·6	90	5·6	80	4·9	120	5·6	120	6·2	150	7·9	160	8·5	165	9·5	165	9·2
31	170	3·6	165	3·0	140	4·6	135	3·6	130	6·2	135	4·3	125	4·6	130	3·9	135	4·6	150	3·6	140	4·6	145	5·2
Mean ...	—	4·7	—	4·6	—	4·7	—	4·7	—	4·9	—	5·1	—	5·1	—	5·2	—	5·7	—	6·1	—	6·3	—	6·1

360. Cahirciveen (Valencia Observatory) : H_a = 12 metres + 14 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·0	—	0·0	—	0·0	—	1·3	20	2·0	—	1·3	—	1·0	345	1·6	315	5·9	325	6·6	325	8·2	320	7·9
2	330	4·3	320	3·3	320	3·6	320	3·3	320	1·6	—	1·3	290	3·3	285	3·6	285	3·0	295	3·3	290	3·3	280	2·0
3	170	3·3	170	2·6	170	3·3	170	3·9	170	3·3	155	3·9	150	3·6	155	4·3	155	4·6	145	5·2	150	4·9	145	4·6
4	—	1·0	180	2·0	235	2·6	305	6·2	305	5·6	310	6·2	310	5·6	300	6·2	300	5·2	300	4·6	315	4·6	320	5·6
5	310	1·6	—	1·0	270	2·0	270	2·6	270	2·6	—	1·3	—	1·3	260	2·3	255	2·3	220	2·3	195	3·3	175	3·6
6	165	8·2	165	7·5	160	7·9	175	4·6	220	3·6	230	3·3	230	2·3	—	1·3	225	2·6	215	4·6	220	3·9	220	4·6
7	135	3·6	135	3·9	135	4·9	120	4·9	110	5·9	105	6·2	110	8·5	100	10·5	100	7·2	135	8·2	170	6·6	170	7·9
8	235	5·9	240	8·5	240	8·5	240	8·5	240	9·5	250	7·9	250	7·5	245	7·5	240	10·2	240	8·9	245	10·2	240	9·5
9	235	1·6	200	2·6	190	2·3	185	2·3	160	4·3	150	4·6	160	5·2	170	6·6	165	6·6	170	7·5	170	8·5	155	8·9
10	190	6·2	205	8·2	210	8·5	205	7·2	195	6·2	200	7·9	220	9·5	205	8·9	200	8·2	185	8·5	185	8·5	185	9·5
11	185	6·6	180	7·2	190	7·9	220	7·5	225	5·6	225	4·9	220	5·6	240	7·9	240	7·9	250	6·6	250	6·6	275	6·2
12	325	13·1	330	12·8	335	12·1	335	10·5	335	9·2	335	8·9	335	9·2	335	9·5	335	8·2	340	7·9	340	8·9	335	8·5
13	355	5·9	360	3·9	355	4·3	355	2·3	355	3·0	355	3·3	350	3·3	340	2·6	340	3·0	330	3·3	315	3·6	310	3·9
14	—	1·3	35	1·6	—	0·7	—	0·7	—	0·7	160	2·0	170	3·9	175	5·6	175	4·6	175	5·6	170	6·6	170	7·2
15	165	3·9	165	3·3	165	2·6	170	3·6	185	3·9	280	2·6	—	0·3	—	1·0	—	1·0	—	1·0	290	1·6	270	2·0
16	360	1·6	—	1·0	—	0·3	—	0·3	—	0·7	—	1·0	30	2·3	50	2·3	20	2·0	—	0·7	10	1·6	—	1·0
17	—	0·0	—	0·3	—	0·0	—	0·0	—	1·3	—	1·3	35	3·3	45	3·6	50	4·9	60	5·9	60	6·6	45	5·9
18	140	2·0	105	2·0	90	3·3	—	1·3	—	1·0	—	0·0	—	0·3	—	0·0	—	0·7	95	2·0	95	2·0	—	1·3
19	275	6·2	265	7·2	255	7·9	245	8·9	235	7·9	230	7·2	235	7·9	230	6·6	230	8·2	220	6·9	215	6·6	220	7·5
20	180	3·6	180	3·0	180	3·0	180	4·3	180	2·6	180	3·0	180	3·0	195	2·6	180	3·9	170	5·9	175	5·6	170	6·2
21	—	0·7	—	0·0	—	0·3	—	0·3	—	0·3	—	0·0	225	2·6	245	4·9	250	4·6	250	4·6	250	4·6	260	5·2
22	290	3·0	285	2·3	280	3·6	280	3·3	280	3·3	280	2·6	280	2·3	280	3·0	275	3·3	275	2·3	275	3·9	260	4·3
23	180	6·2	180	5·2	195	2·6	215	2·3	215	2·0	215	1·6	215	1·6	220	3·0	250	3·3	250	4·3	245	3·6	—	1·3
24	—	1·3	195	2·3	200	2·6	205	3·3	215	3·9	215	3·9	215	4·3	220	3·6	220	5·2	225	4·6	225	4·6	225	3·9
25	200	3·6	190	3·0	190	3·9	180	4·3	180	4·6	180	4·3	180	3·9	175	4·3	175	4·9	170	4·3	170	4·6	170	5·2
26	185	3·9	180	3·3	180	3·6	180	3·9	180	5·2	180	4·9	180	4·9	165	4·9	175	5·9	175	5·9	170	6·6	175	6·6
27	325	3·6	330	3·9	330	4·6	330	4·6	330	4·3	330	2·3	330	3·3	315	3·6	315	3·6	305	3·6	300	4·9	310	4·6
28	—	1·3	215	2·0	215	3·0	215	3·0	215	3·6	220	4·3	215	4·9	215	4·9	220	6·2	215	4·6	215	6·6	220	6·9
29	225	7·9	225	8·2	225	7·5	225	7·2	225	7·2	225	7·5	245	8·5	245	8·2	245	7·5	240	7·5	240	8·2	245	9·2
30	300	4·9	300	4·9	300	4·9	305	4·9	300	5·2	305	4·6	310	5·2	290	4·9	285	4·6	290	5·9	315	3·9	300	3·6
Mean	—	3·9	—	3·9	—	4·1	—	4·0	—	4·0	—	3·8	—	4·3	—	4·7	—	5·0	—	5·1	—	5·4	—	5·5
G.M.T. ...	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres. **May, 1924.**

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
220	4·9	220	4·9	215	6·2	215	5·2	210	4·9	195	3·6	190	3·9	180	3·3	150	4·6	120	3·9	120	3·6	135	4·3	4·2	1
250	4·9	250	4·6	250	4·3	270	3·6	275	3·9	285	3·6	305	4·3	305	2·0	305	2·3	305	2·3	305	2·6	310	2·6	3·1	2
330	7·5	330	8·2	335	8·3	340	7·5	360	5·6	355	5·6	10	7·2	5	7·5	10	6·9	10	6·2	10	4·9	10	3·3	5·6	3
245	6·6	250	7·5	245	7·5	260	7·5	275	7·5	275	7·9	270	7·2	260	6·9	290	5·2	290	6·9	290	6·9	290	6·2	4·3	4
265	9·2	255	8·2	240	7·9	220	6·9	225	9·5	225	9·8	225	10·8	225	9·5	225	8·9	225	7·9	235	9·2	235	9·2	**8·7**	5
255	7·2	245	5·9	255	7·9	245	8·9	240	9·8	245	6·6	240	5·9	275	6·2	285	6·2	290	7·2	280	8·2	285	9·5	6·9	6
290	7·9	290	7·9	305	8·9	300	8·5	295	8·5	295	8·2	285	8·5	290	7·5	295	6·9	295	7·5	290	8·5	285	8·9	**8·7**	7
315	7·9	310	8·5	300	7·5	300	8·2	300	6·6	300	4·9	305	3·9	305	2·0	—	1·3	—	0·7	—	1·3	110	2·0	6·6	8
185	5·9	185	4·9	185	4·9	190	4·9	190	3·9	185	1·6	185	3·0	175	3·9	170	4·6	170	3·9	175	5·2	175	4·6	5·4	9
220	6·2	230	5·9	205	3·9	220	6·6	230	6·6	230	6·6	225	5·2	220	4·3	225	3·3	230	4·6	220	3·0	220	2·6	4·3	10
—	1·3	295	2·3	290	2·6	290	2·6	295	3·3	320	4·6	310	4·3	310	2·0	—	0·3	—	0·3	—	0·3	—	1·0	**2·6**	11
170	6·2	170	6·2	170	6·6	165	5·9	160	6·6	145	5·2	145	2·6	150	2·0	135	2·3	—	1·3	—	0·7	240	2·0	3·4	12
190	4·6	170	6·9	170	7·2	170	7·5	170	6·5	170	5·9	170	6·5	170	5·9	170	4·6	170	5·6	170	5·2	155	4·6	4·8	13
205	6·6	215	7·2	220	6·9	215	7·2	225	7·9	225	6·2	225	4·6	215	3·0	195	3·3	190	3·3	185	3·3	185	3·9	4·9	14
210	7·2	220	8·2	220	8·2	225	7·5	220	7·9	225	8·5	230	8·2	230	5·9	230	8·5	240	9·2	260	9·8	265	6·6	6·3	15
245	6·2	245	6·2	245	5·6	245	5·6	225	4·9	225	3·9	225	3·6	200	3·3	200	2·6	200	3·3	200	3·3	190	3·3	5·1	16
170	7·2	170	7·5	170	7·5	170	6·2	175	5·6	175	6·6	170	5·9	165	3·9	165	3·9	140	4·9	140	4·9	150	3·6	5·1	17
305	4·6	310	3·9	290	4·3	275	3·3	295	3·9	315	4·6	315	3·9	10	1·6	—	1·3	—	0·3	—	1·0	—	0·3	2·7	18
95	3·9	95	3·0	100	5·6	115	5·9	100	3·9	90	3·3	75	1·6	125	3·0	—	1·3	145	3·9	160	4·6	170	5·2	3·7	19
110	11·1	115	9·8	130	10·5	140	9·5	145	9·8	155	8·2	160	8·5	160	8·2	160	7·2	160	6·6	160	5·2	160	5·6	7·9	20
165	7·2	160	7·5	160	8·2	160	8·9	150	6·2	155	7·2	160	6·6	165	6·6	170	5·9	165	6·2	165	5·9	165	6·2	6·1	21
190	7·9	200	8·2	200	7·5	210	7·9	210	8·5	220	8·5	220	8·2	215	7·5	210	6·2	205	5·6	205	5·9	190	5·9	7·6	22
215	9·2	220	9·8	215	8·5	200	9·2	195	10·2	195	8·2	200	9·2	190	5·6	185	5·6	190	5·9	195	6·2	195	5·2	7·4	23
260	6·9	270	6·6	260	6·2	265	4·9	290	4·9	300	6·2	300	5·6	295	5·9	295	5·2	300	4·6	290	5·9	295	4·9	6·2	24
290	6·9	300	7·2	305	6·9	300	6·6	300	6·9	300	7·2	300	6·2	300	5·6	315	6·2	310	6·2	310	4·6	295	3·9	5·6	25
195	5·2	200	5·9	195	5·9	185	5·6	170	5·9	170	7·2	175	6·9	180	7·2	185	7·5	185	5·9	190	6·6	185	6·6	4·9	26
175	6·9	175	6·6	175	6·2	175	7·2	175	5·9	170	6·2	170	5·6	175	6·2	170	5·9	170	5·2	170	5·2	170	4·9	6·4	27
155	6·2	150	5·2	150	4·9	140	5·2	140	4·9	150	3·9	110	3·6	100	4·6	105	4·3	100	3·9	100	4·9	85	4·6	5·0	28
105	4·9	110	5·2	90	6·6	80	3·9	110	3·3	165	4·6	165	4·6	165	3·3	130	3·6	150	3·0	140	2·6	155	2·6	5·0	29
165	9·2	170	9·5	170	8·9	170	9·2	170	7·9	165	7·5	165	6·6	165	6·2	165	5·6	165	6·2	165	4·6	170	3·3	6·7	30
145	4·6	145	3·9	145	3·6	155	3·6	165	3·6	225	2·0	310	3·6	—	1·3	—	1·0	—	0·3	—	1·0	—	0·7	3·3	31
—	6·5	—	6·6	—	**6·6**	—	6·5	—	6·3	—	5·9	—	5·7	—	4·9	—	4·6	—	4·6	—	4·7	—	**4·4**	5·4	

June, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
320	8·2	320	7·5	325	7·5	330	9·2	325	7·9	330	6·9	335	5·9	345	5·9	355	5·2	340	5·2	340	4·9	340	4·9	4·9	1
—	0·7	—	1·3	—	1·0	295	1·6	285	2·3	285	3·0	285	3·0	285	1·6	—	1·0	220	2·0	185	2·3	170	2·3	2·5	2
145	4·9	140	4·3	145	5·6	150	4·9	160	3·9	165	2·3	165	2·6	165	2·0	165	1·6	—	0·7	—	0·7	—	0·3	3·4	3
310	6·6	300	6·6	305	6·9	310	5·9	330	5·9	340	5·6	325	5·6	320	3·9	330	2·3	315	3·0	310	2·3	310	1·6	4·6	4
170	4·9	170	5·2	170	5·6	160	5·2	165	5·6	170	5·9	160	6·2	160	4·9	160	6·9	160	6·9	160	7·2	150	10·8	4·0	5
220	4·3	225	3·9	220	4·9	220	4·3	220	3·6	220	3·6	210	2·0	190	2·3	185	3·0	185	2·6	175	3·6	150	3·3	4·1	6
180	5·2	200	5·9	210	4·9	235	9·5	250	9·2	250	8·5	250	8·5	245	7·9	245	7·2	240	8·2	240	8·5	240	8·5	7·0	7
245	9·2	245	9·5	250	9·2	250	8·9	250	7·9	260	7·2	250	6·9	255	4·6	255	3·6	255	3·9	255	2·3	255	1·6	7·5	8
145	9·5	155	9·2	165	8·5	185	6·9	210	6·6	190	5·6	185	5·6	185	6·2	180	5·2	180	5·9	195	5·9	180	6·6	5·8	9
180	8·2	195	9·5	205	7·9	195	8·5	190	7·5	190	6·9	195	7·2	195	7·2	190	6·9	190	6·9	195	6·9	195	5·2	7·8	10
275	8·5	280	8·5	280	12·1	295	7·9	300	8·5	300	8·9	290	9·5	305	9·5	320	9·2	320	0·2	320	10·5	325	12·5	8·0	11
330	8·9	330	9·5	330	9·8	330	10·2	335	7·5	330	10·8	340	8·9	345	6·6	350	3·9	350	7·2	335	8·5	340	6·9	**9·2**	12
305	3·3	300	3·0	290	3·3	300	4·9	300	3·6	290	3·0	300	2·3	—	0·3	—	0·0	—	0·0	—	0·3	—	1·0	2·9	13
170	6·9	170	6·6	165	6·9	170	7·2	170	6·2	170	6·2	170	5·2	170	4·6	170	4·3	170	3·9	170	4·3	165	3·9	4·4	14
270	2·3	270	3·3	270	3·0	270	4·3	270	2·0	—	0·0	—	0·3	—	0·7	—	0·7	—	0·7	—	0·3	—	0·7	1·9	15
45	1·6	10	2·3	10	2·6	10	3·9	360	3·6	30	1·6	60	3·0	—	1·3	5	1·6	—	0·0	—	0·0	—	0·0	**1·5**	16
55	6·2	20	4·6	20	6·2	20	6·9	55	2·3	—	1·3	95	2·0	—	0·3	335	1·6	—	1·3	—	0·7	—	1·0	2·8	17
270	4·9	240	2·3	190	3·0	180	3·6	175	5·6	175	4·6	170	4·3	175	2·6	—	1·3	—	1·0	—	1·0	235	4·3	2·2	18
215	6·6	230	6·9	220	6·2	215	6·2	215	5·2	210	3·9	200	4·6	210	3·0	205	2·0	200	3·0	180	3·9	215	1·6	6·0	19
160	6·9	160	6·6	170	4·9	185	4·9	205	4·9	210	4·6	220	6·2	235	3·9	240	5·9	250	3·3	250	1·6	—	1·0	4·2	20
255	6·2	255	5·2	265	4·9	275	5·6	275	4·6	280	5·2	280	4·3	280	4·3	285	4·6	285	3·9	290	3·6	290	3·3	3·4	21
250	2·0	—	1·3	—	1·3	190	2·0	185	3·6	180	3·9	180	4·6	180	6·6	180	7·2	180	5·9	180	6·6	180	5·9	3·6	22
—	0·7	210	3·3	215	3·6	240	5·2	240	2·6	225	3·0	225	3·0	225	2·6	230	3·0	230	3·6	230	2·6	—	0·7	3·1	23
225	4·6	230	5·2	230	4·3	230	4·6	230	4·3	230	4·9	230	3·9	230	4·3	230	3·3	230	3·6	215	3·3	200	3·6	3·8	24
170	4·6	180	4·6	185	3·6	190	3·6	185	3·3	185	3·9	175	4·3	175	3·6	175	3·6	175	4·9	180	3·9	185	3·3	4·1	25
170	6·6	170	6·6	180	5·6	170	6·6	170	5·2	170	5·6	175	5·2	180	3·6	225	4·3	—	0·7	250	2·6	295	3·0	4·8	26
315	4·9	315	4·3	300	6·6	310	5·6	315	5·2	305	4·9	305	3·6	300	3·3	300	2·6	290	3·3	—	1·0	285	1·6	4·0	27
220	6·9	220	7·5	220	8·2	220	7·9	220	7·5	220	7·5	225	6·9	225	7·2	225	7·2	225	8·2	225	7·9	225	7·9	5·8	28
240	9·2	240	10·2	240	9·8	240	10·2	240	10·5	240	10·8	240	9·2	240	9·2	245	9·8	250	9·5	280	9·2	290	7·2	8·7	29
285	4·3	270	4·6	270	5·2	275	4·6	295	3·9	295	3·0	280	3·0	—	1·0	—	0·0	—	0·3	—	0·0	285	2·0	3·8	30
—	5·6	—	5·6	—	5·8	—	**6·0**	—	5·3	—	5·1	—	4·9	—	4·2	—	4·0	—	4·0	—	3·9	—	3·9	4·7	
13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°): Speed in metres per second.

361. Cahirciveen (Valencia Observatory): H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	40	1·6	—	0·7	40	1·6	—	0·7	130	4·3	140	5·2	145	5·6	155	7·2	160	9·2	155	10·5	155	12·1	150	14·8
2	210	8·2	220	9·8	220	9·8	220	9·8	225	9·8	225	9·8	230	10·8	230	12·1	230	12·5	235	13·4	235	12·8	235	11·5
3	200	2·6	200	3·0	200	2·0	200	2·0	—	1·3	—	1·0	—	1·0	—	0·3	290	2·0	275	3·9	305	5·6	300	6·2
4	165	3·9	165	3·6	165	3·0	170	3·9	155	3·3	150	2·6	155	4·3	165	3·6	165	5·2	175	3·3	235	5·6	250	3·0
5	220	2·0	195	3·0	205	3·6	185	3·6	180	2·6	175	3·3	160	3·9	140	5·2	135	5·6	90	6·9	110	5·9	170	5·6
6	275	3·0	260	2·3	185	1·6	185	2·0	185	1·6	185	2·6	190	3·3	190	3·6	175	4·9	170	6·6	175	6·6	180	6·2
7	180	5·9	195	5·6	200	6·6	215	7·9	220	6·6	220	5·9	220	5·9	225	7·2	225	6·6	230	5·9	225	6·2	225	6·2
8	170	3·6	175	4·3	175	3·6	175	3·9	175	3·9	160	3·9	150	5·9	150	5·9	155	5·9	155	6·9	140	7·2	140	6·6
9	—	1·3	—	0·0	—	1·0	—	0·3	—	0·7	—	1·3	—	1·0	—	0·3	—	0·7	265	3·0	—	0·7	175	3·3
10	165	7·5	175	7·2	165	6·9	165	7·2	165	7·2	165	8·5	170	7·9	170	8·5	175	7·9	170	7·2	170	7·2	170	8·2
11	175	5·2	175	4·9	175	4·6	175	4·6	175	4·6	175	5·6	175	4·9	165	5·2	160	5·9	165	7·2	165	6·9	165	6·9
12	145	6·2	145	7·2	135	9·2	135	8·9	135	7·5	150	8·2	155	6·2	145	4·3	170	6·9	175	6·6	175	5·2	190	6·6
13	230	5·2	225	5·2	230	4·9	230	4·6	230	5·6	240	7·2	240	7·5	240	7·5	240	7·9	245	8·2	245	7·2	245	8·5
14	190	3·3	195	3·6	190	4·3	185	3·9	175	4·3	175	5·2	175	4·9	175	6·2	175	6·6	175	7·2	170	8·5	170	8·5
15	170	7·5	170	5·9	170	7·2	170	6·6	170	6·6	175	6·2	175	5·2	175	5·9	175	5·6	175	5·2	175	5·6	175	4·9
16	235	7·9	235	9·5	265	9·5	275	8·9	280	8·5	285	7·2	280	5·9	270	5·9	255	7·2	255	7·2	245	7·2	245	8·9
17	195	3·3	190	3·3	185	3·9	180	3·6	180	2·3	—	1·3	—	1·3	195	3·6	345	5·6	355	5·2	345	6·2	345	6·2
18	290	7·2	280	8·2	285	8·2	285	7·2	280	7·5	280	7·2	270	4·9	280	3·6	280	6·2	265	5·2	260	6·6	275	6·9
19	285	3·9	260	1·6	260	2·3	—	0·3	—	0·3	—	1·3	—	1·0	—	1·0	210	1·6	190	2·0	180	3·0	170	3·6
20	65	3·6	—	1·3	70	2·0	70	3·3	70	3·3	60	3·6	65	4·9	60	3·6	45	4·6	40	5·2	45	4·9	25	4·3
21	40	3·6	30	4·6	45	4·3	30	3·0	45	5·2	60	6·9	50	6·9	60	5·9	40	5·9	20	7·5	5	7·9	20	5·2
22	40	2·0	15	3·3	360	3·3	—	1·3	5	2·0	10	2·3	—	0·7	325	2·6	310	3·9	300	3·3	300	2·0	260	3·9
23	320	4·6	310	3·9	300	3·9	300	3·0	280	4·3	275	3·9	260	2·3	240	2·3	225	4·9	235	5·9	235	6·6	235	9·8
24	285	6·9	280	7·5	280	6·6	285	6·9	280	6·9	285	6·9	280	4·6	270	5·9	260	3·3	270	2·0	270	1·6	—	0·3
25	240	6·2	245	4·6	245	5·6	240	5·9	240	5·9	220	4·3	215	4·6	230	8·2	250	8·5	275	8·2	285	9·5	295	6·9
26	315	6·6	305	4·9	295	5·9	300	5·9	300	6·2	290	6·2	305	4·9	295	5·2	295	5·6	290	5·9	285	7·2	290	5·6
27	—	1·0	215	2·3	175	2·3	170	2·0	170	2·6	170	2·3	170	3·6	165	4·9	170	5·6	170	6·2	170	5·6	170	5·6
28	240	6·6	240	7·5	245	5·9	240	3·9	240	3·6	240	3·9	245	5·2	250	4·6	250	4·9	250	4·3	250	4·3	250	4·3
29	5	7·2	5	7·2	350	7·2	350	8·5	345	8·5	355	7·2	355	6·9	350	7·2	360	4·3	350	8·5	335	9·5	340	8·5
30	—	0·0	—	0·0	—	0·0	—	1·0	225	2·3	—	1·0	—	1·0	240	2·0	240	4·6	240	4·6	240	5·6	250	6·9
31	225	3·3	215	3·3	220	3·9	220	4·6	220	4·9	225	5·2	225	6·9	225	7·2	225	6·6	220	6·2	220	6·9	215	6·9
Mean ...	—	4·5	—	4·5	—	4·7	—	4·5	—	4·7	—	4·7	—	4·6	—	5·1	—	5·7	—	6·1	—	6·4	—	6·5

362. Cahirciveen (Valencia Observatory): H_a = 12 metres + 14 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	175	6·6	175	7·5	180	6·6	190	7·2	185	5·9	190	5·9	190	5·6	190	4·6	215	6·9	230	5·2	230	8·2	240	7·2
2	280	5·9	275	7·2	280	8·5	280	8·9	285	8·5	285	5·6	280	8·5	285	5·9	285	4·9	280	4·9	275	5·9	280	4·9
3	180	4·3	190	3·3	180	5·2	170	6·6	170	7·5	170	6·6	170	7·2	190	5·9	210	6·6	225	6·6	235	7·5	250	5·9
4	220	3·3	220	4·9	220	5·6	220	5·9	225	5·9	240	8·5	245	9·2	245	9·2	245	9·2	245	10·5	240	8·5	240	8·5
5	225	7·5	225	7·2	225	7·9	225	7·5	230	8·9	235	9·5	260	8·2	255	8·5	260	7·9	250	7·9	250	7·9	250	6·6
6	—	1·3	—	0·7	260	2·6	—	1·3	—	1·0	—	1·3	285	2·0	—	0·7	—	1·3	295	1·6	295	2·6	295	3·0
7	340	2·3	340	3·0	340	1·6	340	2·0	315	3·6	320	2·3	320	3·9	320	3·9	325	4·9	330	5·2	325	5·6	315	5·6
8	—	0·3	35	2·3	35	2·0	35	2·0	35	2·0	35	1·6	—	0·0	—	0·3	115	2·3	160	3·3	170	3·6	165	3·6
9	155	2·3	—	1·3	80	1·6	—	1·0	—	1·0	80	2·0	140	2·0	145	2·3	155	3·6	160	3·6	170	3·6	175	3·9
10	140	4·3	140	3·0	145	3·0	150	4·6	150	4·3	155	3·3	160	4·6	165	3·9	170	5·9	170	7·9	170	7·5	170	6·6
11	190	4·3	235	3·3	205	2·3	205	2·3	225	3·6	215	3·0	235	5·2	250	4·3	240	4·6	240	5·2	240	5·6	245	5·6
12	265	6·9	255	5·9	255	6·2	255	6·9	245	7·2	240	7·5	290	8·5	315	6·2	310	5·6	305	6·9	310	7·5	305	6·6
13	340	8·9	330	9·8	330	10·5	330	10·2	330	9·2	330	8·2	335	6·9	335	5·9	335	7·2	320	6·9	320	5·9	300	6·2
14	170	5·2	175	4·6	180	3·3	190	4·3	250	7·2	290	7·2	305	6·6	310	6·6	295	6·9	285	6·9	285	7·9	275	7·5
15	260	6·2	255	6·9	270	6·6	245	6·6	235	6·6	235	3·6	230	3·0	215	4·6	220	5·6	220	6·6	205	4·9	195	5·6
16	265	3·0	290	3·6	290	5·2	295	3·9	285	6·6	285	6·2	285	6·9	285	6·6	285	6·6	280	7·5	270	7·9	275	6·6
17	160	8·2	200	6·9	240	9·8	235	11·5	235	14·1	240	15·4	250	16·1	255	15·1	255	12·5	250	11·8	240	9·8	205	7·5
18	265	7·5	270	7·5	280	6·6	290	4·6	290	6·2	290	4·6	290	6·6	285	7·9	285	7·5	280	7·5	280	6·6	280	7·9
19	280	6·2	270	6·6	270	6·6	265	7·9	270	7·2	275	6·9	285	8·2	280	8·2	275	9·5	265	8·5	260	9·8	260	8·9
20	335	3·0	320	4·6	340	6·9	340	6·6	340	7·9	350	6·6	10	3·9	5	3·6	345	5·6	325	5·6	325	5·9	315	6·9
21	275	8·9	260	9·5	260	10·2	265	7·5	270	8·9	275	9·8	280	8·5	285	6·9	295	5·6	295	5·6	310	7·2	310	5·6
22	290	5·6	290	6·6	305	5·6	300	5·9	310	6·6	315	5·9	315	4·9	310	5·9	315	6·2	315	7·5	310	7·5	310	7·2
23	305	6·6	305	6·6	300	7·2	310	9·2	315	8·9	330	6·9	335	7·5	345	7·2	360	7·9	5	7·5	5	7·5	345	8·2
24	325	6·6	330	6·2	325	8·2	325	6·9	320	6·9	330	6·2	335	5·9	320	7·2	330	7·2	320	4·6	310	3·9	285	3·9
25	255	4·3	240	6·2	240	6·6	240	6·6	235	7·5	240	8·5	290	7·2	290	6·2	290	5·9	305	5·6	300	6·2	295	5·2
26	—	0·3	—	0·3	—	0·0	—	1·0	290	3·0	300	2·3	305	3·3	300	3·9	295	5·6	305	4·3	290	5·6	285	6·6
27	300	5·6	295	6·9	295	6·9	290	5·6	285	6·2	285	6·6	280	6·2	275	5·2	270	4·9	255	4·9	240	5·2	240	5·2
28	200	3·9	190	4·3	195	5·2	195	6·2	185	6·6	180	7·2	185	7·5	185	7·9	185	8·5	190	6·9	195	7·9	210	7·5
29	250	6·6	255	7·2	245	8·2	245	6·9	260	5·9	250	7·2	240	7·9	240	7·2	240	7·2	240	7·5	240	5·9	235	7·5
30	245	6·6	245	6·9	245	6·6	245	6·6	245	4·6	245	3·9	245	3·6	225	2·0	225	3·3	210	3·0	195	3·0	175	5·2
31	225	4·6	220	3·9	220	4·6	220	4·9	235	6·2	225	4·9	230	3·0	220	4·6	245	5·6	240	5·9	240	7·9	240	6·9
Mean ...	—	5·1	—	5·3	—	5·7	—	5·8	—	6·3	—	6·0	—	6·1	—	5·8	—	6·2	—	6·2	—	6·5	—	6·3

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon

Averages for periods of sixty minutes centered at exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres.

July, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
150	13·1	150	13·8	160	13·4	165	11·8	170	10·8	185	6·9	200	5·6	200	6·2	195	5·6	200	6·6	215	7·5	220	9·5	7·5	1
230	12·5	230	12·5	235	11·5	230	10·8	230	9·2	230	9·8	230	7·2	225	5·9	225	3·3	225	3·0	205	3·0	200	3·0	**9·4**	2
295	5·9	290	5·9	285	7·2	265	7·9	265	7·5	260	7·2	250	6·6	245	5·6	235	2·6	200	2·6	190	3·0	190	3·0	4·0	3
255	4·6	255	8·2	255	7·9	245	7·9	240	6·9	240	6·9	230	6·2	230	4·3	235	4·6	225	3·6	225	3·6	225	3·6	4·7	4
190	5·6	125	3·6	290	3·0	320	9·2	325	10·5	300	11·1	295	7·9	285	8·2	290	5·9	285	5·6	285	5·6	290	4·3	5·5	5
190	6·9	195	6·9	200	7·5	200	7·9	210	7·9	220	6·6	210	5·9	200	5·6	200	5·6	220	6·9	220	7·2	190	5·9	5·2	6
230	7·2	230	7·2	235	9·2	240	5·6	230	4·9	230	4·6	225	4·3	220	3·6	210	3·0	190	2·6	180	3·0	170	4·3	5·7	7
130	7·2	130	8·2	130	6·9	140	7·9	130	8·2	115	8·2	120	6·6	140	4·6	135	3·3	100	2·3	80	3·0	70	3·3	5·5	8
175	4·3	165	5·6	175	5·6	170	5·2	165	5·6	170	6·5	170	6·5	165	6·9	155	5·9	155	7·5	155	7·9	165	9·2	3·6	9
170	6·9	170	6·9	170	6·6	170	6·2	170	6·2	170	5·6	175	5·2	175	4·9	180	4·6	180	4·9	175	4·6	175	5·2	6·7	10
165	6·9	165	7·9	155	6·9	145	7·5	135	6·6	140	9·2	145	8·9	140	8·5	140	8·5	125	6·6	135	5·9	150	6·6	6·5	11
190	7·2	195	7·5	180	6·9	175	7·2	190	7·2	190	5·9	190	5·9	200	6·6	225	6·2	220	5·2	225	6·9	230	5·9	6·7	12
245	8·9	245	7·9	245	8·5	245	7·9	240	8·9	230	6·6	230	5·6	225	4·9	225	5·2	225	4·3	225	4·3	200	3·3	6·5	13
170	9·5	170	8·9	170	8·9	170	8·2	170	9·5	170	8·2	170	7·5	170	7·2	170	7·2	170	7·2	170	6·9	170	7·5	6·7	14
180	4·6	205	4·9	205	4·6	200	4·9	195	5·6	225	5·2	220	3·6	195	3·3	185	3·6	180	4·6	205	5·2	230	6·2	5·4	15
240	7·9	240	9·8	245	8·9	240	8·5	235	7·9	235	7·2	235	5·2	235	5·2	235	2·6	220	3·6	190	3·3	195	3·3	7·0	16
320	5·2	300	7·2	300	6·6	290	7·5	300	7·9	315	8·2	310	8·2	300	7·2	310	6·9	295	6·9	285	8·9	285	9·2	5·5	17
275	5·9	260	5·9	275	5·2	275	5·9	275	6·2	270	3·9	280	4·6	280	4·3	275	3·9	265	2·3	265	2·0	265	4·3	5·7	18
165	3·3	160	3·9	155	4·6	140	2·6	150	2·6	100	4·6	90	7·9	80	8·5	85	5·9	85	4·9	85	4·9	75	5·6	3·4	19
10	5·2	5	6·2	20	5·6	10	8·5	10	8·2	10	7·2	10	7·2	5	6·9	10	6·9	5	6·9	20	5·6	25	6·9	5·2	20
40	4·6	335	7·5	350	6·9	330	8·5	330	8·9	335	8·9	340	8·5	340	6·6	340	6·6	340	5·6	340	4·3	355	2·3	6·2	21
260	3·9	260	3·9	260	3·9	—	1·3	260	2·0	—	1·3	260	2·6	290	4·9	300	4·9	310	6·2	315	5·6	315	4·6	**3·1**	22
240	12·1	240	9·8	250	8·5	270	9·2	295	8·5	295	7·9	310	7·2	300	6·9	310	8·5	310	5·9	290	5·2	285	7·2	6·3	23
—	0·3	270	1·6	265	3·0	280	2·6	300	3·9	300	3·9	285	2·3	275	2·0	—	1·0	—	1·0	235	3·3	245	7·2	3·8	24
290	8·5	300	5·6	290	6·9	295	6·9	300	7·2	305	7·2	310	7·5	315	8·5	300	6·6	290	7·5	310	5·9	315	6·6	6·8	25
290	3·9	290	5·9	305	3·6	280	3·0	280	3·9	305	3·6	295	2·6	270	2·0	—	0·7	—	0·7	—	1·0	—	1·0	4·4	26
170	3·9	210	3·9	225	2·0	215	3·0	185	4·3	175	4·6	170	5·2	165	6·6	155	4·6	150	7·5	165	4·6	215	5·2	4·1	27
250	4·6	255	4·6	300	4·3	310	4·9	300	5·2	290	4·3	295	3·9	305	3·6	305	3·6	305	4·6	305	3·6	350	4·6	4·6	28
340	8·9	330	7·9	335	8·2	330	7·5	330	7·2	325	7·2	325	4·6	320	3·9	315	2·3	—	0·0	—	0·0	—	0·0	6·3	29
245	6·2	245	6·2	245	6·2	240	6·6	245	6·6	240	6·6	240	5·9	245	5·9	245	4·9	245	4·9	245	3·9	230	3·3	3·9	30
215	7·2	220	8·5	220	7·9	220	7·9	210	6·2	205	5·9	205	5·6	190	5·2	190	4·6	185	6·2	185	6·2	180	5·9	5·9	31
—	6·5	—	**6·9**	—	6·7	—	6·8	—	6·8	—	6·5	—	5·9	—	5·6	—	4·8	—	4·8	—	4·7	—	5·1	5·5	

August, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
240	7·9	240	8·5	275	8·9	280	7·9	280	8·2	285	7·9	285	9·2	285	7·2	280	6·6	280	5·6	275	4·9	275	4·9	6·9	1
270	5·9	265	5·9	265	5·2	265	3·9	265	4·3	265	4·3	265	2·6	265	2·0	—	1·3	195	2·0	195	2·0	190	3·3	5·1	2
305	6·6	310	6·2	300	5·2	305	5·6	305	5·6	280	5·9	285	7·2	280	4·9	260	3·3	250	4·6	245	5·2	240	4·6	5·6	3
235	8·5	230	7·9	230	7·2	230	8·2	230	6·9	230	7·5	230	5·9	220	3·6	215	4·3	225	5·2	225	5·2	220	7·2	6·9	4
255	6·9	275	7·5	280	6·6	285	6·6	280	6·6	295	6·2	295	5·2	295	4·9	295	4·6	290	2·3	290	1·6	—	0·0	6·6	5
300	5·2	305	5·9	305	5·9	305	5·9	300	6·2	310	6·6	320	5·2	325	4·6	325	3·0	325	3·0	325	3·0	335	3·0	3·1	6
330	6·6	330	6·2	310	5·6	310	5·6	310	5·6	305	4·9	310	3·9	310	2·6	—	0·7	—	0·0	—	0·7	—	1·0	3·7	7
170	4·9	175	3·6	195	3·6	220	4·3	220	4·9	220	3·0	—	1·0	195	3·0	195	2·6	180	1·6	175	2·3	160	3·3	**2·5**	8
180	3·6	180	4·3	170	5·6	175	5·9	180	3·9	180	3·9	180	2·6	—	1·3	170	2·0	160	2·0	140	3·0	140	4·6	2·9	9
170	6·2	170	6·6	170	7·9	170	7·5	170	7·2	170	6·6	170	6·2	170	5·9	170	6·6	175	4·6	175	4·6	170	4·6	5·6	10
250	6·6	250	6·6	250	5·6	250	6·2	250	6·6	260	5·9	260	6·6	275	7·2	280	7·9	275	7·2	265	6·2	260	6·2	5·3	11
300	6·2	305	8·9	310	8·9	310	10·2	320	9·8	330	9·5	330	9·8	330	8·9	330	9·2	330	9·8	330	9·2	335	9·8	7·9	12
285	5·9	270	6·6	280	4·6	270	3·3	265	3·6	260	4·3	235	3·0	190	3·3	185	3·6	180	4·3	180	5·2	170	5·9	6·3	13
270	6·9	265	9·2	265	8·9	265	7·5	265	9·5	270	7·2	275	8·9	275	6·9	280	5·9	260	5·6	265	6·6	260	8·9	6·9	14
190	5·9	205	6·9	215	6·2	200	6·2	190	6·2	180	5·6	175	5·2	185	5·2	170	4·6	175	2·0	—	1·0	—	0·7	5·3	15
265	6·2	255	6·9	250	5·9	250	5·9	250	4·6	240	2·3	210	2·3	180	2·6	165	3·3	150	4·9	150	6·9	140	8·2	5·3	16
240	11·1	305	6·2	295	7·9	295	7·5	315	7·9	300	6·9	305	6·9	300	4·9	285	5·9	275	9·2	280	7·5	260	7·9	**9·5**	17
280	9·2	280	9·2	280	8·2	265	8·2	270	7·2	270	6·9	285	7·5	280	7·5	265	5·6	280	3·9	270	6·6	275	6·6	7·0	18
255	9·5	260	9·5	260	8·2	290	6·6	300	6·9	315	4·3	305	4·6	335	4·6	350	5·9	340	5·9	340	4·3	335	3·0	7·1	19
310	7·9	295	6·6	290	7·5	290	7·9	280	8·5	280	8·5	275	7·2	280	8·2	285	8·5	285	8·5	280	8·2	280	7·5	6·7	20
290	4·9	285	7·5	290	7·9	285	8·5	285	7·5	280	8·5	290	7·2	305	6·2	310	4·6	310	5·6	290	4·3	290	5·9	7·2	21
305	9·5	310	7·9	315	8·9	315	7·9	320	8·5	325	7·5	325	6·2	305	6·6	305	6·6	305	7·2	300	7·9	305	7·2	6·9	22
340	9·2	330	11·5	330	11·1	330	9·5	330	11·1	330	8·5	335	7·5	335	6·2	340	5·6	340	4·9	335	5·9	325	6·2	7·9	23
285	5·9	295	5·9	290	5·9	285	6·9	290	4·9	280	6·6	290	5·2	285	6·2	280	5·9	280	5·6	275	4·3	265	3·9	5·9	24
300	5·6	295	5·6	295	4·9	295	4·9	285	4·6	290	3·6	300	3·0	—	0·3	—	0·3	—	0·7	—	0·3	—	0·3	4·7	25
295	5·9	300	6·6	300	6·6	305	5·6	300	7·2	295	5·6	310	6·2	305	5·6	320	6·6	300	5·6	290	8·5	295	7·5	4·6	26
240	5·9	245	5·2	240	3·9	235	3·9	210	3·3	190	3·0	195	3·0	220	4·6	235	3·9	215	3·3	220	4·6	220	4·9	5·0	27
230	6·6	250	5·9	255	4·9	255	4·9	255	4·6	260	5·2	250	4·9	250	6·2	240	7·9	245	7·5	250	6·6	250	7·9	6·3	28
235	9·5	235	10·8	235	9·2	230	8·5	235	8·9	240	8·5	245	7·5	245	6·2	245	5·9	240	5·0	245	4·6	245	7·2	7·4	29
170	6·2	170	6·2	175	5·9	185	5·6	205	5·2	200	3·9	190	4·6	185	4·3	185	4·3	180	4·6	210	4·6	220	4·6	4·9	30
235	8·5	240	8·5	240	9·2	240	8·2	235	8·2	240	6·9	240	7·5	245	6·9	245	4·9	250	7·5	245	6·2	255	6·2	6·3	31
—	6·9	—	**7·1**	—	6·8	—	6·6	—	6·6	—	6·0	—	5·6	—	5·1	—	4·9	—	**4·8**	—	4·9	—	5·3	5·9	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second.

363. Cahirciveen (Valencia Observatory) : H_a (height of anemograph above M.S.L.)=Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s,	°	m/s.	°	m/s
1	260	5·6	250	6·2	250	5·9	250	5·9	260	4·6	255	5·2	260	4·6	255	4·9	250	5·6	245	5·9	235	5·2	240	5·9
2	165	4·3	165	3·9	165	3·9	165	3·3	165	3·6	165	3·9	165	4·3	165	3·9	165	3·6	165	3·9	165	4·3	170	4·9
3	—	0·0	—	1·3	160	3·0	160	3·3	160	2·0	160	1·6	150	1·6	115	3·6	125	3·3	115	3·9	125	5·2	120	3·6
4	110	1·6	—	0·3	110	1·6	110	2·3	—	0·3	—	0·3	—	0·7	—	1·3	—	0·7	—	1·3	—	1·3	310	1·6
5	125	2·3	135	4·3	145	4·3	135	3·6	140	4·6	140	4·9	135	5·9	140	5·9	135	6·2	135	6·6	145	6·6	145	6·2
6	135	9·2	135	9·5	115	6·9	115	9·2	115	9·2	115	9·2	105	10·8	100	12·1	100	10·8	100	12·5	100	11·1	100	7·9
7	105	10·2	105	11·1	105	9·8	100	8·5	100	4·6	100	8·2	105	10·5	110	10·2	105	8·9	105	8·5	100	8·5	90	5·6
8	70	3·9	—	1·3	85	2·0	90	2·0	—	1·0	—	0·7	—	0·7	—	0·3	—	0·0	—	1·0	75	1·6	—	1·3
9	330	9·5	340	6·9	335	9·2	330	8·5	340	8·2	335	9·8	340	9·2	350	10·5	340	10·5	335	12·5	330	12·1	335	11·8
10	320	3·3	295	2·6	295	2·6	275	3·3	250	1·6	200	2·6	190	3·0	170	3·9	170	3·9	170	1·6	240	3·3	225	3·9
11	250	6·9	250	7·2	255	7·2	270	6·2	270	5·2	285	5·6	285	5·6	280	4·3	260	4·3	250	4·9	255	3·9	255	4·3
12	220	4·9	200	3·9	195	4·6	180	4·3	190	4·6	185	4·9	200	5·9	190	5·2	215	5·6	205	5·6	190	5·6	190	5·6
13	190	3·6	185	3·9	195	3·6	200	3·6	210	3·6	230	4·3	230	3·6	225	3·9	220	4·9	220	5·9	220	6·9	220	5·9
14	—	1·0	—	1·3	220	2·0	215	2·6	215	2·6	220	3·9	225	3·3	225	4·6	235	6·6	225	7·2	235	8·5	235	8·9
15	220	5·6	220	5·6	210	5·2	190	4·6	190	5·6	185	6·6	185	6·6	180	7·5	180	7·9	185	8·9	180	8·5	180	9·8
16	250	4·9	250	5·6	230	2·6	200	3·0	180	3·3	185	3·9	175	6·2	180	7·2	185	7·5	185	8·5	185	8·2	195	7·9
17	190	5·6	190	6·6	190	6·9	200	7·2	225	9·2	225	8·5	225	7·9	220	9·2	235	7·9	240	8·9	240	11·1	235	10·8
18	240	10·2	245	9·5	250	8·9	255	7·9	260	6·6	255	5·2	255	6·2	245	6·6	250	4·6	250	6·2	240	5·6	240	5·9
19	175	1·6	175	2·0	175	2·3	150	3·6	155	4·9	155	3·6	160	3·6	165	4·9	165	4·6	160	5·6	160	6·2	155	3·6
20	—	1·3	—	1·0	175	3·3	175	3·9	170	4·6	155	4·9	160	3·9	145	6·2	155	6·2	150	9·5	145	11·8	150	11·8
21	250	10·5	250	9·2	245	8·9	240	7·5	240	6·2	235	4·9	220	3·0	190	3·0	205	3·0	220	5·2	235	4·6	210	3·3
22	330	5·2	5	4·3	330	3·3	280	2·3	300	4·3	170	2·3	185	2·3	185	3·6	200	3·9	200	4·6	215	5·2	195	4·3
23	280	18·4	280	15·7	280	15·1	280	16·1	280	14·1	280	11·8	300	11·1	320	11·8	330	14·8	325	14·8	325	13·8	325	13·8
24	290	6·6	290	5·2	285	5·9	265	5·9	255	3·6	235	3·6	250	5·9	235	3·6	200	3·3	180	4·3	175	5·2	165	6·9
25	25	8·9	25	8·2	30	10·5	25	8·5	30	9·2	25	9·2	20	10·2	20	9·5	20	9·5	10	8·9	10	8·9	360	8·9
26	10	5·6	20	4·6	25	4·3	20	5·2	20	6·2	25	5·6	25	3·6	15	4·6	360	5·2	15	4·6	20	5·2	20	3·9
27	—	0·7	—	1·3	—	1·0	—	0·7	—	1·0	—	1·3	40	2·0	40	1·6	—	0·7	—	0·0	335	3·3	315	2·6
28	175	3·9	175	4·6	175	5·2	175	5·6	175	6·2	170	6·2	170	7·5	170	7·5	170	8·2	170	8·2	170	9·8	170	9·8
29	185	3·3	170	3·0	170	4·6	170	4·6	180	2·3	230	1·6	295	2·3	—	1·3	295	2·0	295	2·3	260	2·0	215	1·6
30	320	10·5	315	10·5	315	10·5	305	11·8	320	11·8	325	11·1	330	9·8	325	11·5	325	11·5	330	11·1	320	10·2	325	9·2
Mean ...	—	5·6	—	5·3	—	5·5	—	5·5	—	**5·2**	—	5·2	—	5·4	—	5·8	—	5·9	—	6·4	—	6·8	—	6·4

364. Cahirciveen (Valencia Observatory) : H_a = 12 metres + 14 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	0·3	185	3·3	180	3·6	170	3·9	170	5·2	175	4·6	175	4·6	175	3·9	175	3·3	170	3·6	185	3·3	195	3·6
2	220	5·6	215	2·0	195	3·0	190	3·3	195	4·9	290	7·2	310	3·9	315	2·0	280	7·2	275	5·6	270	5·6	275	5·6
3	10	3·6	25	3·6	30	3·6	20	5·2	15	5·9	15	5·2	10	4·9	5	5·9	5	5·2	5	6·2	5	7·2	10	6·9
4	45	2·6	—	1·3	—	0·3	—	0·7	—	0·7	—	0·7	45	1·6	—	1·0	—	1·0	—	0·0	10	1·6	280	2·3
5	160	4·9	170	5·2	170	4·3	290	5·9	315	3·9	310	4·9	315	5·9	310	7·9	305	7·5	290	5·9	295	7·5	280	7·5
6	235	3·6	230	2·6	200	3·0	190	3·6	180	3·0	180	3·3	180	4·6	210	8·2	225	9·5	240	11·1	255	8·9	250	8·9
7	265	8·9	260	8·9	270	7·5	275	7·2	255	6·9	255	5·6	260	3·3	240	5·2	235	3·3	240	4·3	215	3·3	230	4·9
8	—	1·0	—	1·3	—	1·0	—	0·7	—	0·7	—	1·0	120	3·0	155	3·9	160	4·9	180	5·9	190	5·2	200	4·9
9	135	3·3	160	4·6	270	3·9	170	4·6	165	6·2	165	6·9	170	6·9	170	7·9	170	9·2	185	10·2	210	10·8	225	9·5
10	240	4·9	240	2·0	—	1·3	245	2·3	235	1·6	190	1·6	190	2·0	190	2·3	190	2·0	185	3·3	175	4·6	170	4·9
11	185	5·2	190	5·6	200	5·6	180	5·9	180	5·2	185	4·3	180	5·2	175	5·2	170	5·6	170	7·2	170	7·5	170	7·2
12	195	3·0	195	3·9	195	2·6	195	3·0	195	3·3	100	2·0	130	2·3	—	1·0	130	2·3	120	3·3	110	3·3	100	3·3
13	90	6·9	80	6·6	80	7·2	85	6·9	90	7·2	90	7·2	95	8·2	100	7·5	105	6·6	110	5·9	105	5·6	115	6·6
14	80	3·0	105	4·9	145	3·3	35	2·0	70	3·0	100	3·6	115	4·3	120	4·3	120	2·3	85	3·3	95	3·6	120	3·3
15	80	2·0	135	2·6	85	3·3	120	3·0	120	4·6	120	4·9	135	5·6	130	3·3	115	3·6	130	3·0	125	3·3	150	5·9
16	155	3·6	165	4·6	165	3·9	160	3·3	180	3·9	180	3·3	180	3·6	170	3·6	170	3·9	170	3·6	170	3·3	190	3·3
17	—	1·3	25	1·6	—	0·7	—	0·7	45	1·6	55	2·0	—	1·3	—	0·7	—	1·0	—	0·7	60	2·0	—	1·3
18	150	3·3	160	2·6	160	3·0	160	3·6	170	3·6	175	4·3	175	5·2	180	5·9	175	6·9	175	6·6	175	6·9	175	6·2
19	250	3·0	250	4·6	245	5·9	245	6·9	245	5·9	255	5·9	255	5·2	265	5·9	265	3·9	250	3·9	245	5·9	245	5·6
20	250	2·3	250	3·3	250	3·6	—	1·3	—	0·7	—	1·0	—	1·3	—	1·0	—	1·0	140	1·6	145	3·0	140	3·3
21	75	7·2	75	7·5	70	7·2	75	8·9	75	7·9	70	8·5	65	5·9	60	4·9	55	8·2	60	8·2	60	6·6	55	6·9
22	35	2·6	25	3·9	45	2·6	—	1·0	—	1·3	75	3·0	75	2·3	75	2·3	—	0·0	—	0·0	—	0·7	—	0·7
23	160	3·0	165	3·3	175	4·3	170	3·9	160	3·6	155	4·9	160	6·2	160	6·6	155	8·5	155	8·9	150	8·5	155	10·5
24	150	13·4	150	14·4	150	14·4	145	13·1	140	11·5	150	13·1	140	11·5	145	13·1	150	12·1	145	13·8	140	13·8	145	13·8
25	75	4·3	60	6·6	60	7·5	70	4·9	75	3·9	100	4·9	105	4·9	100	4·3	85	2·0	110	3·3	—	0·7	—	0·0
26	—	1·0	—	1·0	—	0·0	—	0·3	—	0·0	—	0·3	75	1·6	75	1·6	—	1·3	—	0·0	75	2·3	70	3·3
27	140	5·2	135	6·9	125	7·2	125	7·9	130	7·2	135	6·6	125	7·9	110	3·6	105	3·0	120	1·6	—	1·3	220	4·9
28	205	7·5	200	7·2	190	7·9	220	9·8	225	9·2	220	9·2	225	8·9	225	8·5	225	9·5	230	8·2	230	7·2	230	6·9
29	175	7·9	175	8·9	170	9·2	170	10·5	170	8·5	170	8·9	170	9·2	175	8·5	190	7·9	200	6·9	200	6·2	195	5·9
30	180	7·5	200	10·2	215	10·8	230	14·1	225	12·5	225	13·8	230	13·4	230	13·1	230	15·1	230	14·8	230	14·4	235	14·4
31	220	3·3	230	5·6	235	6·9	235	8·5	240	8·9	235	8·5	235	7·5	235	5·6	230	4·6	220	4·6	220	7·2	230	6·2
Mean ...	—	**4·4**	—	4·9	—	4·8	—	5·1	—	4·9	—	5·2	—	5·2	—	5·1	—	5·2	—	5·3	—	5·5	—	5·8
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres.

September, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
245	5·9	245	4·6	245	3·6	225	3·9	220	3·3	215	2·6	205	2·6	200	2·0	180	3·3	160	3·3	160	4·6	160	5·2	4·6	1
175	3·3	175	3·3	175	3·3	175	3·3	175	3·3	170	2·3	160	2·6	160	2·0	—	1·3	—	0·7	—	0·0	—	0·0	3·2	2
105	3·9	125	3·0	150	3·3	160	3·3	160	2·6	180	2·3	180	3·0	140	3·0	110	5·6	110	4·3	—	0·3	110	1·6	2·8	3
275	2·6	—	1·3	—	0·7	—	1·3	—	0·3	—	0·7	190	1·6	185	3·0	160	2·6	150	3·6	150	3·6	135	2·6	**1·5**	4
145	6·9	145	7·5	150	7·9	145	7·5	140	7·5	140	8·5	135	7·9	135	7·9	135	9·2	120	7·9	130	8·9	135	9·5	6·5	5
100	9·2	100	9·2	100	10·2	100	8·9	100	6·2	90	5·6	75	4·3	95	7·9	10	8·9	105	9·2	105	10·5	105	10·2	9·1	6
115	2·6	110	7·2	105	6·2	100	5·6	105	5·6	95	4·3	95	4·3	85	3·6	80	3·3	85	3·3	85	2·3	60	3·6	6·7	7
75	2·0	65	1·6	250	2·3	215	3·0	—	1·3	295	2·0	355	7·5	350	10·5	340	10·5	340	9·5	335	8·9	335	9·8	3·4	8
335	12·8	335	12·5	335	12·5	335	11·8	330	12·5	330	9·5	335	9·2	330	7·9	345	6·2	340	5·9	330	6·2	330	3·3	9·7	9
220	3·3	210	3·6	225	4·9	230	6·2	240	8·5	250	7·2	255	5·6	285	5·6	270	3·6	250	6·2	245	8·2	240	9·5	4·4	10
250	4·9	245	3·9	220	3·0	210	3·6	205	3·6	185	3·6	180	3·9	180	5·6	180	5·9	185	5·9	190	5·6	215	6·2	5·1	11
185	7·5	185	7·2	190	6·9	190	7·9	195	6·6	185	6·2	185	6·6	190	4·6	200	5·6	225	6·6	230	4·9	230	3·9	5·7	12
225	8·5	220	7·2	240	9·8	245	8·5	260	5·6	285	5·6	290	2·6	300	2·0	—	1·3	290	3·3	280	3·0	260	2·0	4·8	13
235	8·9	235	10·8	235	9·8	235	9·5	235	7·5	235	7·2	230	5·2	235	4·6	235	3·9	220	3·6	220	4·3	220	4·3	5·5	14
190	9·2	220	8·9	230	8·9	230	10·2	230	9·8	230	9·5	235	9·2	240	9·8	240	8·5	240	9·8	240	7·5	250	5·6	7·9	15
210	9·2	205	8·5	190	7·9	190	7·2	200	7·5	215	8·2	225	8·5	220	7·5	215	6·9	200	4·9	185	3·9	185	5·9	6·4	16
240	12·1	240	11·1	235	12·5	230	12·1	230	11·1	235	10·8	235	11·1	240	12·1	240	9·8	235	9·5	240	10·2	240	9·5	9·6	17
240	6·2	240	5·6	240	4·6	250	5·9	255	3·9	255	2·3	250	2·0	220	2·0	—	1·3	—	1·3	210	2·3	175	2·0	5·3	18
155	3·6	110	3·9	80	4·6	65	5·2	30	5·2	55	8·2	25	7·9	350	6·6	340	6·9	325	5·9	300	4·6	295	3·3	4·7	19
145	14·4	155	13·8	165	14·1	210	17·0	235	22·6	245	22·6	255	19·0	265	17·7	265	14·4	265	13·8	260	12·1	265	9·8	10·7	20
205	4·3	215	3·6	190	3·9	230	3·3	—	1·0	—	0·7	—	0·7	170	3·3	245	2·0	65	1·6	250	2·6	325	3·6	4·3	21
180	4·6	175	5·6	150	7·2	155	9·2	170	11·1	185	9·5	190	7·5	210	5·9	240	8·2	260	16·7	270	18·7	280	17·4	6·7	22
325	14·1	330	13·8	330	14·4	325	12·8	330	12·5	330	11·1	330	9·8	330	7·5	310	7·9	305	7·5	295	5·6	285	7·9	**12·5**	23
155	7·2	125	7·2	95	7·5	85	7·2	85	6·9	75	4·6	60	5·9	60	7·2	50	6·6	35	8·2	40	6·6	40	6·6	5·9	24
360	8·5	360	7·5	360	6·9	10	7·2	10	6·9	10	7·5	10	7·5	360	7·9	5	6·6	10	6·6	10	5·2	10	5·6	8·1	25
335	5·9	345	6·6	340	7·2	345	6·6	350	5·2	350	3·0	—	1·3	350	2·0	355	1·6	260	2·0	—	1·0	—	1·0	4·3	26
295	3·3	260	3·9	260	3·9	260	1·6	—	1·0	—	0·3	—	0·0	260	1·6	260	1·6	200	2·3	175	3·3	175	3·3	1·7	27
170	9·8	170	9·5	175	9·5	175	8·9	175	7·9	175	7·9	175	7·2	175	6·2	175	6·2	175	5·2	175	4·9	180	3·9	**7·1**	28
210	4·3	215	5·6	220	6·9	220	6·9	195	5·6	185	5·6	185	5·6	180	6·6	180	5·2	230	6·9	310	9·5	320	10·5	4·5	29
325	9·2	320	9·5	310	8·9	320	8·5	310	9·2	320	8·2	295		300	3·6	295	4·6	285	2·0	—	0·3	—	0·7	8·6	30
—	6·9	—	6·9	—	7·1	—	**7·1**	—	6·7	—	6·3	—	5·9	—	5·9	—	5·7	—	5·9	—	5·7	—	5·6	6·0	

October, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
190	3·3	185	3·3	205	3·6	225	3·3	225	1·6	225	2·0	200	3·3	190	3·0	190	3·6	185	3·3	185	3·0	195	3·6	3·3	1
270	3·9	245	3·6	245	2·6	295	4·6	300	2·0	—	0·3	—	0·0	—	0·7	340	3·6	360	3·9	15	2·0	10	2·6	3·6	2
360	6·9	5	6·9	360	6·9	360	5·9	355	5·6	5	5·2	5	3·6	5	4·9	5	4·6	5	4·3	10	3·3	45	2·3	5·2	3
270	1·6	265	2·0	195	2·0	205	2·3	185	2·3	185	1·6	165	2·3	150	3·9	145	4·6	150	4·3	150	4·6	155	5·6	2·1	4
280	8·5	280	8·2	270	8·5	285	7·2	280	7·2	275	6·2	260	6·6	250	7·5	250	6·6	240	5·6	245	6·6	240	4·3	6·5	5
240	9·8	250	12·1	255	10·5	260	9·2	260	10·8	265	9·8	265	9·8	265	10·8	260	10·8	270	8·5	265	10·2	260	8·9	7·9	6
210	3·0	230	3·3	250	1·6	—	1·0	260	2·0	—	1·3	—	1·3	—	1·0	—	0·7	—	1·3	—	1·3	65	1·6	3·8	7
235	6·9	280	6·9	290	6·9	280	7·2	280	6·6	285	4·9	275	3·9	—	1·3	260	1·6	215	2·3	—	1·3	—	1·0	3·5	8
225	7·2	215	6·2	200	5·2	190	4·6	185	5·2	190	5·2	190	5·2	195	6·6	220	6·6	215	3·9	230	6·6	240	2·6	6·2	9
175	4·9	175	4·3	175	4·3	190	5·6	185	4·6	185	5·6	195	5·2	225	6·2	200	5·2	200	6·6	190	5·2	195	5·9	3·9	10
170	7·9	170	10·2	170	9·8	175	8·5	175	10·5	175	8·9	215	9·2	230	5·2	230	3·9	230	3·6	210	3·0	200	3·6	6·5	11
100	4·6	85	6·2	75	6·2	80	3·6	95	5·2	95	6·9	90	7·5	100	7·5	100	5·2	90	4·9	100	6·9	100	6·9	4·3	12
110	4·9	110	5·6	110	4·6	105	3·6	100	4·3	100	4·3	95	3·9	90	4·9	90	4·3	95	5·9	100	4·9	105	3·6	5·8	13
145	5·6	145	6·2	140	7·2	135	7·2	130	6·2	130	6·2	120	4·9	135	6·2	135	6·6	135	7·2	140	7·2	140	3·6	4·8	14
150	6·6	155	5·9	160	4·6	165	4·9	165	1·6	165	3·0	180	2·3	—	1·0	—	0·7	—	1·3	175	3·3	160	3·6	3·5	15
220	3·0	230	3·6	230	3·3	230	2·6	230	2·6	230	1·6	260	2·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·0	2·7	16
160	2·0	210	2·6	260	2·0	—	0·7	210	1·6	190	3·0	170	3·3	—	1·0	125	2·3	145	3·6	140	2·6	130	2·0	**1·7**	17
180	5·9	175	7·2	175	7·2	175	6·9	175	6·9	175	6·2	180	6·2	190	5·6	220	5·2	225	3·9	225	3·0	230	4·6	5·2	18
245	6·9	245	6·2	250	5·9	255	5·9	260	3·9	250	4·9	250	3·9	250	3·9	265	3·3	265	3·6	255	4·6	250	3·6	5·0	19
120	3·0	110	2·6	135	2·6	110	3·9	100	2·6	110	4·3	90	8·2	85	9·2	80	7·2	65	7·9	60	8·9	70	8·2	3·7	20
55	7·5	40	6·6	40	6·6	45	7·2	45	6·9	30	4·3	40	2·6	40	3·6	35	3·6	35	3·0	35	3·3	40	3·0	6·2	21
—	1·0	160	3·0	170	3·6	170	3·3	170	4·3	170	3·6	170	3·6	170	2·6	170	2·6	165	3·9	155	3·9	155	3·3	2·5	22
155	9·5	160	9·5	155	10·2	155	8·9	155	10·2	150	10·8	150	10·8	150	12·5	145	11·1	140	11·8	145	12·1	140	12·1	8·2	23
150	14·1	150	13·8	145	15·1	140	15·4	140	12·5	140	11·5	145	9·8	140	10·2	135	8·5	140	8·9	135	8·2	135	7·9	**12·3**	24
75	4·3	60	6·6	60	7·5	70	4·9	75	3·9	100	4·9	105	4·9	100	4·3	85	2·0	110	3·3	—	0·7	—	0·0	4·1	25
95	4·5	100	3·6	100	3·6	90	3·6	100	6·2	110	4·9	110	4·6	120	4·3	135	3·9	125	4·9	130	4·6	140	5·2	2·7	26
235	9·8	230	7·2	220	5·6	195	3·6	185	4·6	190	3·9	185	4·6	205	5·9	220	6·6	220	7·2	210	6·6	195	4·9	5·6	27
225	5·9	225	5·9	220	5·2	190	3·9	180	4·3	180	4·3	190	4·9	190	5·2	185	5·2	180	5·9	180	6·9	175	7·5	6·8	28
215	8·5	220	8·2	220	6·6	220	5·9	220	5·2	220	5·6	220	6·2	225	5·6	225	5·2	215	6·2	190	5·9	185	6·6	7·3	29
235	14·8	235	13·8	235	11·8	230	12·1	225	8·5	225	7·2	225	6·2	225	6·6	220	6·6	220	7·2	215	3·6	210	5·2	10·8	30
210	4·9	210	4·9	220	5·2	230	3·9	230	3·9	230	3·3	235	4·9	240	4·9	240	4·9	240	3·6	240	3·3	240	3·6	5·4	31
—	6·2	—	**6·3**	—	6·0	—	5·5	—	5·3	—	5·0	—	5·0	—	5·0	—	4·7	—	4·9	—	4·8	—	4·4	5·2	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second.

365. Cahirciveen (Valencia Observatory) : H_a (height of anemograph above M.S.L.) = Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	225	1·6	215	2·3	195	2·6	190	2·3	170	3·3	145	4·6	95	2·3	105	3·9	130	6·9	165	9·2	190	6·9	200	8·5
2	220	13·8	225	15·1	225	15·4	225	16·4	225	17·4	225	16·4	235	17·7	235	16·4	250	14·8	250	12·1	250	14·1	255	12·5
3	—	1·0	—	1·3	—	1·3	—	0·7	—	1·3	—	1·3	35	1·6	—	1·3	45	2·3	75	2·3	70	2·3	60	3·3
4	50	3·0	35	3·0	—	1·0	—	1·0	—	0·7	—	0·7	—	0·7	—	0·7	—	0·7	—	0·0	—	0·0	—	0·7
5	—	1·3	—	0·7	—	0·3	—	1·0	—	0·3	—	0·7	—	0·3	—	0·7	—	0·3	—	0·0	—	0·0	—	0·7
6	65	3·6	75	3·3	75	2·0	65	3·3	65	2·0	65	2·3	—	1·3	65	3·0	65	2·3	60	2·3	60	3·9	45	4·6
7	—	1·0	—	0·7	—	0·7	—	0·7	—	1·0	65	1·6	80	3·6	95	3·6	—	1·3	70	1·6	105	3·0	110	3·6
8	110	6·6	110	5·2	115	6·6	120	5·6	120	5·2	115	5·9	110	5·9	110	6·9	110	8·2	100	6·9	125	9·8	105	8·5
9	125	12·8	135	11·5	135	12·1	130	12·5	130	12·8	135	10·8	140	11·5	140	10·8	140	12·5	135	12·1	135	11·5	135	11·5
10	*160*	*7·3*	*130*	*5·4*	*110*	*5·5*	*85*	*5·0*	*90*	*5·3*	*80*	*6·7*	*85*	*5·3*	*80*	*3·8*	*110*	*3·6*	*140*	*4·7*	*175*	*4·8*	*165*	*4·6*
11	220	4·3	220	4·6	220	3·3	220	2·3	220	2·6	205	2·6	190	2·6	185	2·0	185	3·3	190	3·0	225	4·9	235	5·6
12	290	2·6	295	4·9	295	1·6	—	1·3	—	1·0	—	0·3	—	1·3	45	2·3	—	1·3	—	0·0	—	0·0	—	0·0
13	145	6·9	145	7·2	150	6·6	155	6·2	160	7·2	155	8·2	155	7·5	155	9·8	150	10·5	145	10·8	145	10·5	145	10·5
14	170	5·2	180	3·3	175	3·6	155	4·3	130	4·9	140	3·9	135	3·9	150	3·3	135	3·0	170	2·6	—	0·7	—	1·3
15	—	1·3	15	2·6	15	2·0	15	2·6	335	3·9	330	3·6	330	3·9	320	6·9	315	6·9	315	6·2	315	5·2	310	6·9
16	—	0·3	—	0·7	—	1·3	—	0·7	—	0·0	—	0·3	—	0·3	50	2·0	—	0·3	—	0·0	—	0·7	—	0·7
17	—	0·0	140	1·6	140	2·3	—	1·3	140	3·0	145	2·0	155	1·6	155	5·9	155	5·9	155	4·9	155	5·2	165	4·6
18	170	2·0	120	1·6	150	1·6	150	2·3	—	1·0	—	1·3	—	0·7	—	0·7	—	0·3	—	0·3	—	0·3	—	0·3
19	—	0·7	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·7
20	—	1·3	—	1·3	225	2·6	—	0·7	—	0·3	—	0·3	—	0·3	225	2·3	225	2·0	205	1·6	205	2·6	205	2·6
21	195	3·6	190	4·6	185	4·6	180	4·3	190	5·6	180	5·2	185	5·9	190	6·6	185	5·9	185	6·9	185	7·2	195	7·5
22	175	6·2	180	6·6	180	6·6	185	5·9	180	5·9	180	5·6	180	6·6	180	6·6	185	6·6	195	6·9	195	6·2	195	7·5
23	185	4·9	185	6·6	190	6·6	185	7·5	190	6·2	190	6·6	195	6·6	185	6·2	185	6·6	185	6·6	185	6·2	185	6·2
24	175	7·2	180	7·5	175	7·5	175	6·9	175	6·9	175	7·5	175	7·5	175	8·2	185	6·2	175	7·9	175	7·5	175	7·5
25	—	0·7	155	3·0	155	3·9	155	5·6	150	5·9	165	3·6	160	5·2	160	4·6	120	3·3	115	3·0	—	1·0	100	2·6
26	170	2·3	140	2·0	160	4·3	180	3·3	180	2·0	170	3·0	160	4·3	160	3·9	160	2·6	120	2·0	—	1·0	75	2·0
27	340	13·4	340	14·8	340	14·4	340	14·8	340	16·1	330	15·4	325	14·4	320	14·8	310	13·1	310	12·1	280	11·1	285	11·8
28	105	2·6	155	3·9	160	4·6	150	5·2	140	6·2	135	7·9	140	6·9	140	8·2	140	9·2	145	11·5	145	12·5	135	12·5
29	185	3·9	185	4·3	180	3·6	165	4·3	160	5·9	150	7·9	150	6·9	145	8·2	145	8·5	145	8·9	145	10·2	145	9·2
30	160	8·5	170	8·5	175	7·2	175	6·2	195	5·9	215	6·2	210	5·6	215	4·9	200	3·9	*205*	*6·4*	*205*	*7·4*	*205*	*9·0*
Mean ...	—	**4·8**	—	4·6	—	4·5	—	4·5	—	4·7	—	4·8	—	4·7	—	5·3	—	5·1	—	5·1	—	5·2	—	5·6

NOTE.—The values printed in italics are taken from the records of the Dines tube anemograph, the Robinson cup anemograph being out of action. The monthly means are computed from the hourly values as printed.

366. Cahirciveen (Valencia Observatory) : H_a = 12 metres + 14 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	170	7·5	150	7·9	150	8·2	150	7·5	150	8·5	150	9·5	145	10·5	150	10·5	170	7·9	170	5·2	150	7·5	150	5·9
2	—	1·3	—	0·7	—	1·0	—	0·7	—	0·7	—	0·3	50	1·6	50	1·6	—	1·3	60	2·0	—	0·7	—	0·7
3	—	1·3	—	0·7	—	0·3	—	1·0	—	0·7	—	1·0	—	1·0	60	1·6	—	0·7	—	1·0	—	0·3	—	0·3
4	155	9·8	145	11·8	155	12·1	145	12·1	165	9·5	175	9·2	180	8·5	200	7·9	215	8·9	220	5·2	220	6·2	240	5·6
5	200	8·2	225	10·2	230	8·9	225	7·2	220	9·8	225	9·8	225	9·8	225	10·8	225	11·8	225	10·8	225	11·8	225	10·2
6	255	10·5	250	7·9	255	6·9	245	7·2	245	6·2	240	3·6	210	2·0	200	2·3	195	3·3	185	3·6	180	5·2	180	6·6
7	170	8·9	170	8·5	170	9·2	165	10·5	165	11·5	160	11·8	165	11·1	170	11·5	170	11·1	170	11·8	170	11·5	170	11·1
8	—	0·0	—	0·3	—	0·3	—	1·0	—	1·3	70	2·3	—	1·3	—	1·0	—	0·3	—	0·0	—	1·3	—	0·0
9	—	1·0	—	1·0	—	1·3	—	1·3	—	0·3	135	2·6	155	1·6	155	2·0	—	0·3	—	1·0	165	3·9	170	4·3
10	—	1·3	150	1·6	155	1·6	155	2·6	160	3·3	160	1·6	165	3·3	170	2·6	170	2·3	170	3·0	170	3·3	175	3·9
11	175	3·3	175	3·6	175	4·3	175	4·6	175	3·3	175	4·3	180	3·9	180	3·6	180	4·6	180	4·9	170	4·9	170	6·6
12	175	8·5	175	7·9	175	7·5	175	7·9	180	6·2	175	5·6	175	6·6	175	7·9	175	8·5	175	11·1	175	7·9	175	8·5
13	170	11·8	175	11·5	175	10·8	175	9·8	205	8·9	240	3·9	215	5·9	245	5·6	245	5·6	245	5·2	255	5·9	260	5·2
14	255	9·8	270	9·2	280	8·2	275	7·9	270	7·9	280	8·9	280	8·9	280	8·2	285	6·6	275	5·9	270	6·6	260	6·6
15	145	14·1	145	12·1	190	5·9	220	7·5	215	5·6	201	6·2	205	4·9	180	4·9	180	5·6	180	5·2	170	5·9	155	7·9
16	325	7·9	330	7·9	325	5·9	335	6·9	330	9·8	330	9·5	340	10·2	345	9·2	335	7·5	340	5·6	340	4·9	330	5·6
17	175	5·2	180	3·9	180	3·3	200	3·9	200	3·0	200	3·6	190	3·6	190	3·6	190	3·9	170	5·6	175	5·9	175	5·6
18	175	7·5	175	7·9	175	7·9	175	8·2	175	8·9	175	9·8	175	9·5	180	9·8	180	10·5	175	10·2	175	10·2	180	9·2
19	185	6·2	195	7·2	200	7·2	215	7·2	215	5·6	195	3·9	185	4·6	185	4·6	180	5·2	180	5·6	180	4·9	175	6·2
20	170	7·5	170	7·2	170	6·6	175	6·9	175	6·6	175	6·2	175	5·6	175	5·9	175	5·6	175	8·2	175	8·2	175	6·9
21	170	6·9	170	5·9	170	7·5	170	9·2	170	9·8	165	9·8	165	8·9	165	8·9	160	9·8	155	10·2	160	11·1	160	11·1
22	160	15·1	160	16·4	155	16·4	155	16·4	165	14·4	170	12·1	170	11·1	170	12·5	170	13·1	165	13·4	165	16·1	170	14·1
23	180	10·5	180	11·5	200	11·8	215	11·1	205	10·5	215	11·5	220	6·6	210	8·9	205	7·2	200	9·2	190	7·5	200	9·8
24	180	4·3	180	3·0	185	4·6	180	4·9	180	4·9	185	5·9	190	5·6	180	5·6	180	5·9	195	6·6	190	6·6	185	6·9
25	125	6·6	—	0·7	90	1·6	85	3·3	110	4·6	115	5·9	100	6·2	90	7·5	105	5·6	150	4·6	150	3·6	155	5·9
26	175	4·3	260	5·2	330	7·9	320	7·9	325	10·8	335	9·5	335	7·9	330	6·6	330	5·6	—	0·7	280	3·9	250	6·2
27	190	11·1	195	12·1	200	11·8	220	12·1	225	10·5	230	9·8	245	7·2	215	8·2	225	12·8	240	14·4	275	10·2	265	6·9
28	245	8·5	255	12·1	255	13·4	255	12·8	250	8·2	275	14·1	270	12·1	275	8·9	260	8·2	255	8·5	245	12·1	255	12·8
29	260	9·8	250	6·9	260	9·8	250	6·2	240	8·5	225	4·9	215	6·9	210	7·5	215	8·5	195	8·5	190	8·5	190	9·2
30	235	7·5	250	6·9	280	3·9	295	5·6	285	8·9	260	8·9	260	10·5	250	11·8	275	9·5	270	9·5	260	7·5	245	10·2
31	240	11·5	250	13·1	250	9·8	265	11·8	250	8·5	245	11·8	275	11·1	255	16·4	245	9·8	270	11·1	245	12·1	240	12·8
Mean ...	—	7·3	—	7·2	—	7·0	—	7·2	—	7·0	—	7·0	—	6·7	—	7·0	—	**6·7**	—	6·7	—	7·0	—	7·2
Annual Mean ...	—	**4·9**	—	4·9	—	5·0	—	5·0	—	5·1	—	5·0	—	5·0	—	5·1	—	5·3	—	5·5	—	5·7	—	5·9

Averages for periods of sixty minutes centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 12 metres + 14 metres. **November, 1924.**

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
220	11·5	220	8·2	220	9·2	220	9·5	220	9·8	220	9·5	225	10·8	225	11·8	225	11·8	225	12·8	225	13·4	225	14·8	7·6	1
270	10·8	280	9·2	295	7·5	320	6·9	330	5·6	330	3·6	340	3·0	340	2·3	—	0·0	—	0·7	—	1·0	—	0·7	10·0	2
60	4·6	55	4·9	55	5·6	55	4·3	50	3·3	50	2·3	50	3·0	40	4·9	45	6·6	55	2·3	50	4·3	60	2·6	2·8	3
—	1·0	—	1·3	350	3·0	335	3·0	—	0·7	—	0·3	—	1·3	—	1·3	—	1·3	—	0·7	—	1·3	—	1·0	1·2	4
30	2·0	5	2·6	10	4·3	20	5·2	20	5·2	25	5·2	20	4·3	25	4·9	20	3·6	35	3·3	40	2·6	55	3·3	2·2	5
50	3·9	55	3·9	60	3·6	60	3·0	55	2·6	60	2·6	65	2·3	80	3·3	80	2·6	80	3·6	75	4·6	—	1·3	3·0	6
100	3·9	105	3·0	90	2·6	85	3·0	100	4·6	100	3·9	100	3·3	110	5·6	100	5·9	105	5·9	110	4·6	100	5·6	3·0	7
105	6·2	115	6·9	105	10·5	110	7·2	115	9·2	115	10·8	110	12·5	115	11·5	110	13·8	110	13·4	110	13·1	125	10·8	8·5	8
130	10·2	130	10·2	130	11·1	130	13·1	130	13·1	130	11·8	***150***	***9·3***	***150***	***7·8***	***160***	***8·7***	***165***	***6·5***	***160***	***6·7***	***160***	***7·7***	***10·8***	9
160	5·9	175	4·6	190	3·6	175	5·2	165	5·9	165	7·5	165	6·9	170	8·2	170	7·9	210	3·9	200	4·3	210	4·9	5·5	10
235	7·2	240	7·5	245	7·2	250	9·2	250	7·9	255	8·5	265	6·6	280	5·2	290	3·9	290	3·6	—	1·3	—	0·3	4·7	11
—	1·0	—	1·0	—	1·3	—	1·3	150	2·3	150	2·6	145	3·6	140	4·3	135	4·3	135	6·2	135	6·6	135	6·2	2·3	12
145	11·5	145	10·2	145	11·1	145	9·8	150	10·3	150	10·5	145	12·1	145	12·8	145	11·5	145	12·5	155	12·5	170	7·5	9·7	13
215	2·0	230	1·6	—	1·3	—	0·7	295	2·0	—	0·7	320	2·6	—	1·3	10	1·6	—	1·0	—	0·0	—	0·3	2·4	14
320	4·3	320	3·9	310	3·6	300	3·0	—	0·3	—	0·7	—	0·7	30	2·0	—	1·3	50	2·0	—	1·0	—	1·0	3·1	15
—	1·0	—	1·0	—	0·3	—	0·7	—	0·0	—	0·3	90	2·0	—	0·3	—	0·3	130	2·0	—	1·0	145	2·0	0·7	16
170	5·9	170	5·6	175	4·3	174	3·3	175	3·3	175	3·6	175	2·6	175	3·0	175	2·3	175	2·0	170	2·0	170	2·6	3·3	17
—	0·3	—	0·0	—	0·0	—	0·3	—	0·3	—	0·7	—	0·0	—	0·0	—	0·3	—	0·3	—	0·0	60	1·6	0·7	18
—	0·7	—	0·7	—	1·3	290	1·6	295	2·3	—	1·3	—	0·0	—	0·0	—	0·0	—	0·3	—	0·3	—	0·0	**0·5**	19
205	2·6	200	2·3	215	3·3	220	3·3	220	3·0	220	2·6	205	3·3	205	2·6	205	3·0	200	3·6	200	3·3	200	3·6	2·2	20
200	7·5	195	6·9	195	7·5	190	6·6	200	6·6	190	7·5	210	5·6	180	5·6	185	5·6	185	4·9	175	5·9	175	6·6	6·0	21
190	8·2	195	7·2	200	7·5	195	7·2	200	7·5	210	8·9	220	8·5	215	8·2	215	6·9	215	6·9	215	6·6	200	5·6	7·0	22
180	6·2	180	6·6	180	6·6	180	7·9	180	8·5	185	6·9	180	6·9	185	6·9	185	7·9	180	7·5	180	6·2	175	6·9	6·7	23
175	8·2	175	6·6	175	7·5	175	7·2	175	6·2	170	6·9	165	8·9	170	9·8	165	9·2	170	9·2	190	5·6	—	0·3	7·4	24
—	1·0	—	0·3	—	0·3	95	1·6	95	2·6	105	3·3	110	4·6	110	4·6	105	3·9	120	3·6	—	1·0	115	2·6	2·9	25
—	1·0	75	2·0	55	1·6	30	3·3	20	3·9	355	3·9	15	4·3	20	5·9	10	7·5	10	9·5	360	7·2	340	12·5	3·8	26
280	10·5	260	10·2	270	9·2	270	8·2	200	3·3	210	4·3	220	4·6	240	4·3	180	2·6	195	2·6	200	2·6	150	2·0	9·8	27
135	13·8	130	15·1	130	13·4	135	11·8	155	5·9	170	3·6	215	3·3	220	4·3	215	4·3	200	3·6	195	3·3	185	4·3	7·4	28
145	10·2	145	9·8	150	10·2	150	10·2	155	9·8	170	7·2	165	5·9	150	8·5	150	8·2	150	9·2	155	8·2	150	9·2	7·7	29
200	***8·9***	***195***	***8·6***	***205***	***7·8***	***190***	***7·1***	***185***	***7·2***	***185***	***6·2***	***190***	***6·5***	***185***	***7·0***	***185***	***7·0***	***180***	***6·4***	***180***	***6·7***	***170***	***7·6***	7·0	30
—	**5·7**	—	5·4	—	5·5	—	5·5	—	5·1	—	4·9	—	5·0	—	5·3	—	5·1	—	5·0	—	4·6	—	4·5	5·0	

NOTE.—The values printed in italics are taken from the records of the Dines tube anemograph, the Robinson cup anemograph being out of action. The monthly means are computed from the hourly values as printed.

December, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
145	3·3	105	2·0	350	3·9	340	7·9	350	6·9	350	3·6	350	3·0	—	0·3	—	0·3	—	0·7	—	0·7	—	0·7	5·6	1
—	0·3	—	1·0	—	0·0	—	0·0	—	0·7	—	0·3	—	0·0	—	0·3	—	0·0	—	0·3	—	0·0	—	1·3	**0·7**	2
—	1·3	140	2·3	140	2·6	140	2·6	140	3·9	150	4·9	150	5·9	150	5·9	155	5·6	155	6·9	155	8·2	160	7·9	2·7	3
190	2·3	215	3·9	240	4·6	285	3·9	310	3·3	310	1·6	60	1·6	40	1·6	145	3·9	165	3·9	175	3·6	190	6·6	6·2	4
225	11·5	225	13·1	225	11·8	230	11·8	230	12·1	235	12·1	240	13·8	235	12·5	260	14·1	250	9·5	245	11·5	250	12·5	10·9	5
180	6·6	180	6·2	180	5·2	175	6·6	175	6·6	175	7·5	175	7·5	175	7·9	170	8·5	170	8·5	170	9·2	170	8·9	6·5	6
170	10·5	170	10·2	175	9·8	175	9·2	175	7·9	220	3·9	—	0·3	—	0·0	—	0·3	—	0·7	—	1·0	—	0·0	7·8	7
—	0·0	—	0·0	—	1·3	70	2·0	40	1·6	—	0·0	—	0·0	—	0·7	—	0·7	35	2·0	35	1·6	35	2·0	0·8	8
175	4·3	175	3·9	175	4·6	180	4·9	160	5·6	160	5·2	160	4·3	165	4·6	165	5·6	165	5·9	170	3·6	170	3·0	3·1	9
175	5·2	175	4·3	175	3·3	175	3·3	175	4·3	175	3·9	175	4·6	175	3·3	175	3·6	175	2·0	175	3·0	175	3·6	3·1	10
175	6·6	175	5·6	175	5·2	175	5·6	175	5·6	175	6·2	175	6·2	175	6·9	175	7·5	175	7·9	175	7·5	175	8·9	5·4	11
175	8·2	175	9·2	175	8·9	175	10·8	175	8·9	175	8·9	175	10·5	175	10·5	175	10·5	170	10·8	170	12·1	170	12·8	8·9	12
250	6·2	250	10·2	250	9·2	250	10·2	250	9·5	245	9·2	240	7·5	250	8·2	250	6·6	250	9·2	255	9·8	250	10·8	8·2	13
255	6·2	250	5·6	250	3·3	225	2·6	200	3·0	180	3·9	175	3·6	165	4·9	160	6·2	165	8·2	145	11·1	145	13·4	6·9	14
160	6·2	155	4·3	150	2·0	50	5·9	10	6·9	345	8·5	340	8·2	340	8·5	340	7·5	340	6·9	330	7·5	320	7·5	7·0	15
320	3·3	300	3·9	295	3·3	—	1·3	260	3·0	225	2·6	190	3·6	180	3·9	180	3·9	180	5·9	170	6·2	165	8·2	5·8	16
180	6·6	175	6·9	170	6·2	170	6·9	170	6·6	170	6·9	170	8·2	170	8·9	170	8·5	175	6·9	175	6·6	175	7·5	5·8	17
205	8·9	195	8·5	210	7·2	200	5·6	195	4·9	190	5·9	185	5·9	180	6·2	185	6·2	185	6·9	185	6·2	190	7·5	7·9	18
175	7·5	175	7·5	175	7·9	175	6·6	175	6·6	175	6·6	175	6·9	175	5·2	170	5·2	170	5·6	170	7·5	170	7·5	6·2	19
170	7·9	170	7·2	170	6·9	165	7·2	170	6·2	170	5·9	170	6·9	170	7·2	170	6·6	170	6·9	175	6·6	175	6·2	6·8	20
160	11·1	160	10·8	150	11·1	155	11·5	150	11·5	145	12·5	145	13·1	150	14·1	150	13·8	145	13·8	150	15·1	155	14·8	10·7	21
175	15·4	190	13·4	210	14·8	220	14·4	200	7·2	185	6·9	175	8·5	175	9·2	170	10·8	165	15·1	175	15·1	180	12·5	**13·1**	22
220	11·1	225	10·2	210	8·2	205	6·9	195	5·2	195	5·2	190	4·6	190	3·9	185	3·6	180	5·6	240	3·9	195	4·9	8·1	23
185	6·6	190	6·9	190	7·9	195	7·9	190	7·9	200	7·5	235	12·1	260	13·4	285	10·5	290	7·9	295	4·3	—	1·3	6·7	24
160	2·0	140	3·9	135	4·6	95	6·2	90	7·2	90	6·9	90	5·2	125	1·6	195	5·6	205	5·9	200	5·2	195	3·6	4·5	25
235	6·6	215	8·2	195	6·9	190	7·9	185	7·2	180	10·5	175	12·8	175	13·8	175	13·4	185	13·4	180	11·5	190	11·1	8·3	26
260	5·9	265	7·9	260	5·2	260	4·6	250	7·9	250	7·5	235	6·9	230	4·9	230	7·9	240	9·2	240	8·5	240	8·9	8·9	27
250	14·1	240	12·8	250	13·8	260	13·8	260	12·8	260	12·5	245	12·1	260	12·1	285	10·5	275	11·1	270	9·8	255	9·8	11·5	28
190	11·1	185	11·1	185	11·1	185	12·1	190	11·1	190	12·1	195	12·1	195	11·8	210	11·8	225	5·9	225	5·9	225	7·9	9·2	29
240	11·1	240	10·8	235	12·5	240	13·1	240	11·1	205	5·6	235	8·2	225	8·2	195	7·2	200	10·2	200	9·5	215	11·8	9·1	30
245	14·1	250	13·4	250	15·1	250	14·4	240	14·1	255	15·1	245	14·8	250	14·1	250	11·5	245	12·5	270	10·2	240	9·8	12·5	31
—	7·2	—	7·3	—	7·0		7·3	—	7·1	—	6·8	—	7·1	—	6·9	—	7·0	—	7·3	—	7·2	—	**7·5**	7·1	
—	0·1	—	6·2	—	6·2	—	**6·2**	—	6·0	—	5·7	—	5·5	—	5·3	—	5·2	—	5·1	—	5·1	—	5·1	5·4	Day.

367. Cahirciveen (Valencia Observatory) : H_a = 17 metres + 13 metres. **1924.**

Day.	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	12	18 45	11	22 55	20	3 50	9	15 45	11	11 15	12	15 45	**22**	15 10	17	2 15	12	3 55	9	11 25	22	23 15	18	6 45
2	12	20 5	11	17 50	15	23 30	8	16 45	7	13 5	7	0 30	18	9 55	11	4 10	8	10 35	11	5 50	26	3 40	6	2 40
3	15	14 5	8	7 5	18	1 20	9	16 15	11	14 0	10	16 10	11	19 55	13	6 45	9	20 50	11	10 35	11	21 5	14	23 15
4	11	23 50	8	0 10	18	23 30	12	13 0	13	18 25	9	14 30	14	10 50	13	23 30	6	23 0	9	21 45	8	0 40	20	4 0
5	16	22 25	13	16 0	20	7 5	13	19 10	**22**	4 0	20	23 55	16	16 25	14	5 25	17	20 40	13	19 25	10	16 5	22	15 25
6	27	15 25	10	1 40	9	21 20	10	9 10	15	10 55	19	0 10	14	12 25	9	15 50	18	9 25	20	17 20	8	11 25	16	22 50
7	20	23 40	23	23 35	12	16 45	10	17 5	18	11 30	15	16 55	14	4 0	9	12 45	18	1 20	12	0 25	11	22 40	20	12 10
8	**31**	6 50	**30**	5 40	14	17 25	16	15 30	14	1 10	14	11 0	16	15 50	8	13 5	15	20 55	11	15 45	20	23 20	5	15 25
9	17	22 25	13	1 0	16	21 55	15	18 5	15	10 5	17	22 25	13	22 25	11	15 45	18	8 20	23	9 40	23	16 40	9	21 40
10	15	0 35	9	0 45	17	0 45	19	19 0	12	10 35	**20**	13 35	14	8 15	13	15 5	13	23 40	16	21 45	14	21 0	9	13 20
11	26	21 5	5	13 50	19	2 50	20	21 15	8	8 50	16	3 15	16	20 35	14	21 20	13	21 10	20	16 40	12	15 30	15	24 0
12	22	0 30	26	18 55	**23**	19 25	**22**	3 25	11	14 30	18	1 35	16	3 45	15	16 30	17	12 35	16	19 20	13	1 0	22	23 45
13	23	5 5	17	0 20	17	18 15	16	3 25	13	15 35	10	0 20	11	12 10	16	2 40	13	13 0	14	6 40	22	22 10	25	3 15
14	30	16 40	7	0 25	13	4 55	9	16 45	16	11 40	12	14 35	15	13 50	13	7 15	14	14 0	13	15 25	13	0 15	23	23 15
15	14	0 5	10	20 15	8	2 0	10	12 40	15	15 40	10	5 35	13	0 10	15	15 30	21	12 20	11	6 50	11	8 5	26	0 0
16	11	0 50	13	9 40	7	14 15	10	20 25	13	4 45	7	16 20	12	2 45	14	23 45	17	10 45	9	2 25	5	24 0	15	4 55
17	13	18 15	10	23 30	6	21 45	11	11 35	13	13 45	11	15 5	12	14 55	**23**	6 55	17	20 10	7	21 40	9	13 10	15	23 50
18	20	12 30	17	18 0	8	8 30	14	11 35	8	13 15	10	16 55	12	0 0	13	18 35	13	0 55	14	16 30	5	0 40	22	10 45
19	20	12 5	11	0 20	11	23 5	11	8 15	13	6 45	13	11 45	14	19 45	15	13 10	16	18 25	11	16 5	5	16 40	15	1 40
20	20	21 0	6	1 35	14	12 5	7	17 25	19	13 15	12	12 55	12	16 0	13	22 45	**35**	16 55	15	19 40	8	21 50	16	11 15
21	24	15 5	8	14 30	15	6 25	10	11 0	13	15 5	10	13 25	13	7 40	15	6 15	15	0 25	13	4 0	16	14 50	24	22 40
22	13	9 0	12	18 45	14	15 30	6	14 45	19	12 10	14	21 35	10	22 35	13	16 55	28	23 25	8	22 30	16	17 25	**31**	14 5
23	20	18 25	8	15 35	11	23 45	11	13 35	19	9 45	11	0 20	15	13 0	16	3 30	24	1 25	**26**	22 55	16	21 15	27	2 10
24	13	8 5	17	19 45	10	13 0	15	16 15	13	10 55	9	9 10	10	1 45	14	5 30	13	21 30	25	12 15	19	11 5	17	9 25
25	17	24 0	16	5 50	7	11 20	21	13 15	12	17 40	11	12 10	14	16 25	12	5 50	16	8 30	12	0 40	10	5 0	13	21 20
26	21	0 45	8	15 0	9	16 10	20	17 25	16	21 5	14	10 40	12	10 10	12	23 45	10	5 0	10	23 5	17	23 55	27	21 10
27	12	0 40	16	22 30	9	19 20	19	10 40	15	9 30	9	17 40	13	21 40	12	0 30	7	23 15	14	20 15	23	5 0	25	1 45
28	9	12 25	12	2 15	8	0 55	19	4 40	11	10 55	14	22 55	11	2 5	17	8 30	19	15 15	19	3 25	**26**	12 15	25	3 50
29	8	22 40	19	13 40	11	8 40	19	24 0	13	8 50	15	22 10	13	6 35	14	3 15	15	23 25	19	2 50	17	16 25	26	19 35
30	10	2 55	—	—	11	3 50	21	3 40	15	8 20	9	9 55	9	19 5	11	13 40	19	10 25	22	5 45	16	2 10	24	9 25
31	12	10 15	—	—	8	17 55	—	—	10	8 20	—	—	16	13 10	12	16 10	—	—	14	11 0	—	—	26	18 15

DISTRIBUTION OF WIND SPEED: EXTREME VELOCITIES AS RECORDED BY THE DINES TUBE ANEMOGRAPH.

368. Cahirciveen (Valencia Observatory) : H_a = 17 metres + 13 metres. **1924.**

Month.	DISTRIBUTION OF WIND.								EXTREME VELOCITIES.					
	More than 17·2 m/s.		10·8 to 17·1 m/s.		5·5 to 10·7 m/s.	1·6 to 5·4 m/s.	0 to 1·5 m/s.	No Record.	Highest Hourly Wind.				Highest Gust.	
	Dates of Occurrence.	Duration.	No. of Days.	Duration.	Duration.	Duration.	Duration.	Duration.	Veer from N.	Speed.	Mid. Time.		Speed.	Time.
		hr.		hr.	hr.	hr.	hr.	hr.	°	m/s.	day.	hour.	m/s.	day. h. m.
Jan.	—	0	15	106	314	276	48	0	135	17	8	5	31	8 6 50
Feb.	—	0	6	16	169	378	133	0	160	16	8	6	30	8 5 40
Mar.	—	0	5	10	328	323	83	0	355	13	5	7	23	12 19 25
April	—	0	8	32	283	319	86	0	250	14	30	4	22	12 3 25
May	—	0	3	6	401	303	34	0	210	12	23	16	22	5 4 0
June	—	0	4	12	302	344	62	0	210	13	10	14	20	10 13 35
July	—	0	3	13	423	266	42	0	165	14	1	15	22	1 15 10
Aug.	—	0	3	7	433	278	26	0	260	13	6	17	23	17 6 55
Sept.	20th	2	11	61	351	256	50	0	245	20	20	17	35	20 16 55
Oct.	—	0	7	52	316	321	55	0	155	15	24	3	26	23 22 55
Nov.	—	0	9	71	254	261	134	0	235	17	2	4	26	28 12 15
Dec.	22nd, 26th	6	17	161	381	131	65	0	210	18	22	14	31	22 14 5
Year	3 days	8	91	547	3,955	3,456	818	0	245	20	Sept. 20	17	35	Sept. 20 16 55

MINIMUM TEMPERATURE "ON THE GRASS" DURING THE INTERVAL 18H. TO 7H. G.M.T.

Readings in degrees absolute.

369. Cahirciveen (Valencia Observatory). **1924.**

Day.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	78·0	73·4	72·5	71·5	80·5	80·4	**76·9**	86·1	85·0	78·1	79·6	80·2
2	79·5	77·3	**67·0**	69·8	79·5	82·3	82·9	83·9	87·0	82·5	82·5	77·7
3	75·3	77·5	71·0	70·9	78·7	84·1	81·4	82·6	87·1	77·5	76·7	75·9
4	80·5	75·9	70·3	69·8	**72·1**	84·4	78·6	86·0	80·0	**74·5**	**71·3**	80·1
5	80·3	77·1	75·0	72·9	74·7	83·7	81·0	87·3	85·1	80·9	73·0	77·9
6	80·3	79·1	68·1	74·1	78·9	84·5	80·3	82·3	85·7	79·7	81·0	78·0
7	73·5	75·9	76·1	73·7	76·5	81·7	84·9	80·0	86·9	78·5	73·1	81·4
8	73·3	77·9	76·9	76·5	75·9	82·5	85·1	78·4	85·1	77·1	77·1	**74·1**
9	75·4	75·8	79·3	71·5	78·1	80·1	84·9	**77·3**	82·6	78·5	82·1	74·9
10	73·0	77·9	77·8	72·3	77·9	83·1	86·3	79·3	79·6	80·3	81·2	81·1
11	71·9	72·8	78·7	74·2	77·0	82·3	87·1	85·9	85·1	80·2	79·1	80·6
12	74·5	75·8	81·2	74·8	75·7	83·1	86·0	84·0	83·7	76·5	72·4	83·0
13	73·5	78·1	81·3	71·3	78·4	81·3	83·8	84·5	81·2	83·6	77·1	81·9
14	**71·8**	71·5	78·6	73·9	80·1	77·0	85·0	85·4	79·5	83·7	80·6	77·5
15	78·9	72·9	74·3	**69·3**	77·9	84·5	86·8	81·8	83·0	84·2	75·7	79·1
16	79·1	71·9	71·3	72·6	77·7	83·1	83·5	81·8	82·7	80·8	76·3	80·7
17	78·3	**69·5**	73·9	76·2	77·0	**76·5**	83·7	83·2	85·8	77·5	76·5	80·8
18	79·2	76·1	72·4	79·1	77·5	79·5	83·8	82·1	83·0	82·5	80·2	83·6
19	77·2	71·7	71·3	78·5	77·6	82·5	84·4	82·0	78·1	83·3	80·7	81·4
20	78·1	75·9	73·1	81·9	81·9	77·2	82·2	81·0	80·3	81·5	80·2	80·8
21	79·7	78·2	78·0	75·9	82·9	76·8	82·8	83·6	79·5	83·1	81·3	79·9
22	78·6	73·5	80·3	82·7	83·1	83·0	79·4	81·8	**76·9**	78·4	82·5	81·9
23	72·4	70·4	81·3	80·5	80·3	83·4	84·8	83·0	80·3	80·9	84·1	78·9
24	77·5	70·1	78·6	82·0	79·9	85·8	81·4	82·3	79·4	82·3	80·5	75·5
25	75·8	78·5	79·3	81·3	79·7	85·4	86·6	83·2	81·3	81·6	79·7	74·3
26	79·1	70·6	81·2	80·2	80·3	84·4	85·8	80·2	81·9	77·1	73·5	77·1
27	73·5	74·3	80·4	77·4	83·1	81·4	83·9	83·1	77·6	79·3	77·7	79·7
28	72·7	73·1	78·0	77·3	82·5	81·2	84·7	85·6	78·7	81·9	71·9	74·5
29	78·1	75·3	71·1	79·6	83·9	84·9	85·8	84·1	84·5	85·8	76·4	75·9
30	78·7	—	75·9	81·7	81·5	81·2	81·4	86·3	80·9	81·9	78·9	77·6
31	79·8	—	68·6	—	81·5	—	85·9	85·1	—	80·3	—	74·2
Mean	76·7	74·8	75·6	75·8	79·1	82·0	83·6	83·0	82·3	80·5	78·1	78·7

NOTES :—(1) The initial 2 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.
(2) The minimum refers to the interval from 18h. the previous day to 7h. on the day to which it is entered.
(3) Annual Mean 279·1.

370. Cahirciveen (Valencia Observatory). **January, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu. : St.	St.	St. : St-Cu.	10	10	10	8	10	10	...	●⁰	p ●⁰	...	...	●⁰	o all day with ●⁰ in *a* and at *n* : [fine *n* :
2	St. : St-Cu.	St. : St-Cu. : A-St.	St.	3	8	3	4	3	1	...	...	...	...	...	...	● early. Fine to cloudy day, p ●⁰ *p* :
3	St.	St.	St.	10	10	10	10	10	7	●⁰	●⁰	●	●	...	...	● *a and p* : o at *n* with occasional ●⁰.
4	St.	St. : St-Cu.	St. : St-Cu. : A-St.	10	10	8	7	10	9	...	...	...	...	...	●⁰	●⁰ early. Overcast or cloudy all day : ●⁰ *n* :
5	St.	St.	St.	10	10	10	10	10	10	...	...	...	...	≡⁰ ●⁰	≡⁰ ●⁰	o *a* with ● or ●⁰ at times : ● ≡⁰ *n* :
6	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	8	●⁰	...	●⁰	p ●⁰	●⁰	...	o all day with ● or ●⁰, c *n* :
7	St.	St-Cu.	A-St.	1	3	1	–	2	6	...	...	...	...	...	...	p ●⁰ early : fair or fine all day.
8	St.	St. : St-Cu. : A-Cu.	St-Cu. : A-St.	10	10	6	6	8	4	● ≡⁰	...	...	...	...	...	● and ≡⁰ early : o *a* : fair *p* and *n* :
9	St.	St. : A-St.	St.	10	10	10	00	10	2	●	●⁰	●⁰	...	●	...	● *a and p* : fine at *n* : [and ✲ *n* :
10	St.	Cu. : A-Cu.	St. : A-St.	2	7	7	8	8	5	...	...	...	...	...	...	Fine early to cloudy day. Fair to p ● [fair to p ● ▲ *n* :
11	St. : A-St.	St. : A-St.	St. : A-St.	8	10	10	10	10	10	...	...	...	●	...	...	Fine to p ●⁰ early : o p ▲ *a* : o ● *p* :
12	St.	St. : A-St.	St. : A-St.	1	8	10	10	10	10	...	...	...	...	●⁰	●	Fine to cloudy *a* : o *p* to o ● *n* : [*and n* :
13	St.	St-Cu. : Cu.	Cu.	10	10	9	8	2	1	●	...	...	()	...	...	o *a* with ● at times : p ● to fine *p*
14	St. : Cu.	St.	St. : St-Cu.	10	8	10	10	8	9	●⁰	...	●	●	...	...	● early and at times *a* : steady ● *p* : overcast at *n* : [at *n* :
15	St-Cu.	St. : St-Cu.	St-Cu. : Cu.	10	9	8	6	4	10	...	...	...	...	...	...	● early : p ● late *a* : fair *p* to o
16	St-Cu.	St-Cu. : Cu.	St-Cu. : Ci-Cu.	10	7	6	6	7	7	...	...	...	...	...	...	Fair to cloudy all day. [and ≡⁰ *n* :
17	Nb. : St-Cu.	St. : St-Cu.	St. : St-Cu.	8	8	10	7	8	10	p ●⁰	...	p ●	...	p ●	●⁰ ≡⁰	Fair early : c to o p ● *a and p* : ●⁰
18	St.	St. : St-Cu.	St. : St-Cu.	10	10	8	8	6	2	...	...	...	...	...	...	o to c *a* : p ●⁰ to bc *p* : fine to p ●² *n*,
19	St.	St. : St-Cu.	Nb. : St-Cu.	8	5	9	9	10	9	...	...	p ●	...	...	...	o p ● to fair *a* : c to o p ● *p* : ●⁰ *n* :
20	St-Cu.	Cu. : A-St.	St-Cu. : A-St.	6	8	8	9	10	10	...	...	...	...	...	●	p ●⁰ early to c, b c *a* : o *p* to o ● *n* : [intermittent in *p* :
21	St.	St. : A-St.	St.	10	10	10	10	10	10	●	●⁰	●	...	●	●⁰	Overcast all day with ●, steady in *a*,
22	Nb. : St-Cu.	St-Cu. : A-Cu.	St-Cu.	9	10	3	8	5	4	p ●	●	...	...	...	...	c to o p ● ▲ *a* : fair or fine *p and n* :
23	St-Cu. : A-St.	St.	St.	10	10	10	10	10	10	...	...	...	...	●	●	o or c *a* : o ●⁰ to o ● *p and n* :
24	St. : St-Cu.	Cu. : A-Cu.	Cu. : St-Cu.	10	6	8	10	3	1	...	...	...	...	...	...	o to bc or b *a* : c to op ▲ p : p ▲ and p ● to fine *n* :
25	Cu.	Cu.	Cu. : A-St.	9	8	3	8	3	4	...	...	...	...	...	...	o to b *a* : fair *p* : fair or fine *n* :
26	St-Cu. : A-St.	Cu. : A-St. : A-Cu.	St. : St-Cu. : A-St.	10	8	9	9	10	10	...	...	...	...	...	●	c or o all day : ● at *n* :
27	—	Cu. : A-St.	St. : St-Cu.	–	3	9	7	8	10	...	...	...	...	...	...	Fine or fair *a* : o or c *p and n* :
28	St. : St-Cu.	St-Cu.	St.	4	8	10	10	10	10	...	...	...	...	≡⁰	...	Fine to o with ∞ *a* : o *p* : o with ≡⁰ and ●⁰ *n* :
29	St.	St. : St-Cu. : A-St.	St. : St-Cu. : A-St.	10	8	10	10	10	10	...	...	...	...	...	...	●⁰ and ≡⁰ early : c or o all day.
30	St.	St. : St-Cu.	St.	10	8	10	10	10	10	●⁰ ≡⁰	...	...	...	...	●⁰	●⁰ ≡⁰ early : o to c p ● *a* : o *p* to o ≡⁰ *n* : [fine *n*
31	St.	St. : St-Cu. : A-St.	St-Cu.	10	10	10	7	1	2	●⁰ ≡⁰	●⁰ ≡⁰	...	...	...	...	o ≡⁰ ●⁰ and o ● *a* to fair *p* and
Mean Cloud Am'nt				8·0	8·4	8·2	8·2	7·6	7·1							

371. Cahirciveen (Valencia Observatory). **February, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	17h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu.	St-Cu.	8	5	6	5	4	2	...	...	...	...	...	...	c p ● to fair early and *a* : fair or fine *p* : c p ●⁰ to fine *n* :
2	St-Cu.	St-Cu.	St.	10	9	9	8	10	10	...	...	...	...	p ●⁰	...	c or o *a* with ●⁰ early: fair *p* to o p ● *n* :
3	St.	St-Cu.	St-Cu.	10	9	10	10	10	3	●⁰	...	...	...	...	...	c or o with ●⁰ at times *a* : o *p* to
4	St-Cu.	St-Cu.	St. : St-Cu.	10	10	9	8	8	10	...	...	...	...	...	...	o *a* to c *p* : o *n* : [fair or fine *n* :
5	St.	St-Cu.	St-Cu.	10	10	10	10	8	10	...	...	()	()	...	...	o or c all day : () *a and p* :
6	St.	St-Cu. : A-Cu.	St-Cu.	10	10	7	7	8	10	...	...	...	...	...	...	o or c all day : () *a and p* : [● *n* :
7	St-Cu.	St. : A-St.	St-Cu. : A-St.	9	8	10	9	8	7	...	...	...	...	...	...	●⁰ early : c or o *a and p* : c to p ● and
8	St-Cu.	St. : A-St.	St. : A-St.	10	8	10	10	10	10	●	...	...	...	●	●	o or c with ● at times *a* : o to o ●² *p and n* : [fair to c p ● *p* and *n* :
9	St.	Cu.	St. : St-Cu. : A-St.	10	3	2	8	10	9	...	...	...	...	...	p ●	o ●² early to fine *a* with p ● :
10	St.	St-Cu.	St. : St-Cu.	10	9	9	8	8	9	●	...	...	p ●	...	...	o ● early to o *a* : c p ● *p* to fair or c *n* :
11	St.	Cu. : A-Cu. : Ci-Cu.	St. : St-Cu.	10	7	6	7	8	9	...	...	...	...	...	...	Variable cloud *a* : c *p* : fair, o p to ● *n* :
12	St-Cu.	St-Cu. : A-St.	St-Cu. : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	o all day with squalls in *p* : o at *n* :
13	St-Cu.	St-Cu.	St-Cu.	10	9	7	7	7	8	...	∞	∞	∞	∞	∞	o or c all day with ∞. [o *n* :
14	St.	St-Cu.	St. : A-St.	10	4	4	2	10	10	∞	∞	∞	∞	∞	...	Fair or fine day with ∞ to o ●⁰ and
15	St. : A-St.	St-Cu. : A-Cu.	St. : St-Cu. : A-St.	8	9	7	10	8	10	...	...	...	...	...	●	b and o p ● early : c or o with p ● *a* : c *p* to o ● *n* :
16	St-Cu.	Cu.	Ci-St.	6	4	1	–	2	–	...	...	...	...	...	∞	Fair or fine *a* : fine *p* : fine with ∞ *n* :
17	St.	A-St.	St-Cu. : A-Cu.	9	9	5	3	5	10	≡⁰ ⌴	∞ ⌴	∞	∞	∞	∞	⌴ early : fair to o with ∞ *a* : b or bc with ∞ *p* : o ∞ *n* : [squalls *a* :
18	St-Cu.	St-Cu. : Cu.	St-Cu.	10	7	7	7	6	8	...	...	...	...	...	...	●⁰ early : o or c *a* and *p* : bc to c *n* :
19	St.	Cu.	St-Cu.	1	3	2	7	8	10	...	...	...	...	...	...	Fine *a* to c in *p* and o at *n* :
20	St.	St. : A-St.	St.	9	8	10	10	10	10	...	...	...	...	...	...	c or o all day : ●⁰ early *p* :
21	St-Cu.	St. : St-Cu.	St. : St-Cu.	10	10	7	8	7	5	...	...	...	...	...	...	o *a* to c *p* : fair to o *n* :
22	St.	Cu.	St. : Ci-St.	1	1	1	1	4	4	...	...	...	...	...	...	Fine day : fair *n* :
23	St.	St-Cu.	St-Cu.	5	9	4	5	4	–	⌴	...	...	...	...	...	⌴ early : bc to o *a* : bc *p* to b *n* :
24	St.	St-Cu.	St.	10	10	9	9	10	10	...	●⁰	...	...	...	...	Fine early to o with ●⁰ *a* : o *p and n* : ●⁰ late *p* :
25	St-Cu.	St. : A-St.	St-Cu.	7	9	8	9	7	3	...	...	...	...	...	...	c or o *a* : o ●⁰ early *p* to fine at *n* : [to c at *n* :
26	A-St. : A-Cu.	Cu.	St-Cu.	6	–	1	1	3	7	⌴	∞	...	...	...	...	⌴ early : b or bc with ∞ *a* : fine *p*
27	St.	St-Cu. : A-St.	St. : St-Cu.	10	8	9	6	3	5	...	...	...	...	...	...	Cloudy *a* : fair *p* : fair *n* with p ●.
28	St-Cu.	St-Cu. : A-St.	St-Cu.	10	9	8	6	8	8	...	...	...	...	...	...	Cloudy *a* : bc to cp ● *p* : cloudy *n* :
29	St-Cu.	St. : A-St.	St-Cu.	10	8	10	8	6	10	...	...	p ●⁰	...	p ●	...	c or o with p ● all day : o at *n* :
Mean Cloud Amn't				8·6	7·4	6·8	6·9	7·2	7·5							

372. Cahirciveen (Valencia Observatory). **March, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Cu.	Cu. : St-Cu.	St. : Nb.	7	9	7	7	9	10	...	...	...	...	p ▲	...	o or c all day with p ● ▲ or ✳ : o *n* :
2	St. : A-St.	St-Cu. : Ci-Cu.	St-Cu. : A-St.	10	10	8	8	8	10		✳⁰	...	...	...	p ✳	p or c all day : p ✳ early and *p* : p ✳ *n* : [very clear air.
3	St.	St-Cu. : A-Cu.	St-Cu. : A-St.	9	9	7	7	8	1	...	...	...	...	0	0	p ✳ early *a* : c to bc *p* : fine *n* with
4	St.	St-Cu. : Cu.	St.	3	2	7	6	6	2	...	...	...	...	0	...	p ▲ and ⌴ early : sky variable
5	St.	St-Cu. : Cu.	St-Cu. : Cu.	10	8	5	5	3	1	...	...	...	0	0	...	c to bc during day : fine *n* : [fine *n* : ●⁰ early : fair or fine during day :
6	—	—	St-Cu.	–	–	–	–	7	7	⌴	...	0	0	...	...	[clear air : c *n* : ⌴ early : fine *a and p* with very
7	St-Cu.	St-Cu.	St-Cu. : A-St.	10	10	8	10	10	9	...	∞	∞	∞	∞	p ●⁰	c or o with ∞ all day : p ●⁰ *n* :
8	St-Cu.	St. : St-Cu. : A-St.	St. : St-Cu. : A-St.	4	6	10	10	9	9	...	...	p ●	●⁰	●⁰	...	p ●⁰ early : fair *a* : ● at times *p* : o *n* :
9	St.	St.	St. : A-St.	10	10	10	10	9	1	...	...	...	...	...	...	p ●⁰ early : o all day with ●⁰ ≡⁰ at times : fine *n* :
10	St-Cu. : A-St.	A-St.	A-Cu. : A-St.	8	9	8	8	7	3	...	...	...	...	...	...	Fine early : c or o day to fine *n* : [during day : c *n* :
11	St. : A-St.	St.	St. : St-Cu.	10	10	10	10	8	8	...	●⁰	●⁰	...	...	...	b to ● early : intermittent ● or ●⁰
12	St. : St-Cu. : A-St.	St. : St-Cu. : A-St.	St. : A-St.	10	10	10	10	10	10	...	...	●⁰	●	●	●	Intermittent ● throughout day and *n* :
13	St-Cu. : A-St. : St.-lent.	St-Cu. : A-St.	St. : A-St.	8	10	8	10	10	10	...	...	...	...	...	...	● early : c or o all day and at *n* :
14	A-Cu. : Cu-lent.	A-Cu. : A-St.	A-Cu. : A-St.	6	7	5	6	6	2	...	...	...	...	...	...	Fine early to fair day : fine *n* :
15	Ci-St. : Ci-Cu.	—	Ci.	2	3	–	–	1	–	...	...	...	...	...	≡⁰	Very fine day : ≡⁰ at *n* : [with ∞ .
16	—	St.	Ci-St.	–	–	1	–	7	10	⌴	∞	...	∞	∞	∞	⌴ early : very fine day : o at *n*
17	St-Cu.	St-Cu. : A-St.	St-Cu. : A-St.	10	10	10	10	10	10	∞	...	...	...	...	∞	∞ early : dull day : ∞ at *n* :
18	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	∞	∞ early and at *n* : dull day.
19	St-Cu.	St-Cu.	St-Cu.	9	9	10	10	10	8	...	...	...	...	...	...	Dull day : fine *n* :
20	St. : A-St.	A-Cu. : A-St.	St. : A-St.	8	7	6	8	10	10	...	...	...	...	●	...	bc to c *a and p* : ●⁰ at times *n* : [p ● *p* : o a *n* :
21	St.	St. : A-St.	St. : St-Cu. : A-Cu.	10	9	10	9	8	10	●⁰	p ●	...	...	...	...	● at times early and *a* : dull with
22	St. : St-Cu.	St. : St-Cu. : A-Cu.	St. : A-St.	9	9	8	10	10	10	...	...	...	...	...	●⁰	●⁰ early : overcast *a* to ● in *p* and at *n* :
23	St.	St. : A-St.	St.	10	10	10	10	10	10	≡⁰ ●⁰	...	...	...	≡ ●⁰	●⁰	●⁰ early : dull day : ●⁰ and ≡*n* :
24	St. : St-Cu.	St.	St.	10	9	10	10	10	10	...	...	≡⁰ ●⁰	≡⁰ ●⁰	≡⁰	...	●⁰ early : dull *a* : ●⁰ at times *p* : o with ≡⁰ *n* : [fair *p* : c at *n* :
25	Nb. : A-St.	St. : St-Cu. : A-St.	St. : St-Cu. : A-Cu.	10	10	10	8	6	8	●⁰	...	...	...	...	...	p ●⁰ and ≡⁰ early : overcast *a* to
26	St-Cu.	St-Cu. : A-St.	St-Cu. : A-St.	9	10	9	10	10	10	...	...	...	...	...	...	Dull all day.
27	St-Cu.:Fr-St.:A-St.	St. : A-St.	St. : A-St.	10	10	10	10	10	10	...	●⁰ ∞	...	...	...	...	Dull day : ∞ and ●⁰ early *a* :
28	St-Cu. : A-St.	St. : A-St.	St. : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull all day. [remaining so all day.
29	St-Cu. : A-St.	St-Cu. : A-St.	St-Cu. : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	Fine early, rapidly becoming o and
30	St. : St-Cu.	St-Cu.	St-Cu.	10	10	8	7	6	8	...	...	...	...	...	...	o *a* to c *p* : fair to c *n* : [*p* to fine *n*:
31	St-Cu.	St-Cu. : A-Cu.	St-Cu. : A-St.	2	8	6	6	3	2	⌴	...	...	...	...	...	Fine with ⌴ early : fair to c *a* : fair
Mean Cloud Am'nt				7·9	8·2	7·8	7·9	8·1	7·4							

373. Cahirciveen (Valencia Observatory). **April, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	—	Cu.	Cu.	–	5	5	5	3	3	⌴	...	...	...	...	...	⌴ early : fair or fine all day. [day.
2	—	St-Cu. : Cu.	St-Cu. : Cu.	–	–	4	5	3	5	⌴	...	...	...	...	...	Fine with ⌴ early : fair or fine all
3	St-Cu.	St-Cu. : Cu.	St-Cu. : Cu.	6	3	6	5	3	4	...	...	...	...	...	...	Fair or fine all day. [fine *n* :
4	St-Cu.	St-Cu. : Cu.	St-Cu. : Cu.	9	8	5	7	5	5	...	...	...	...	...	...	o early with ⌴ : cloudy *a* to fair *p* :
5	St-Cu.	Cu.	St-Cu.	2	1	2	6	2	–	...	...	...	...	...	...	Fine *a* : fair *p* : fine *n* :
6	St-Cu.	St-Cu. : Cu.	St-Cu.	7	5	9	7	8	9	...	...	...	...	...	...	Fine early to fair *a* : c or o *p and n* :
7	A-Cu.	St-Cu. : Cu.	St.	4	8	4	8	10	6	⊃	...	...	...	●⁰	...	Fine early with ⊃ : fair *a* to cloudy *p* : o ●⁰ to bc *n* :
8	St-Cu. : A-Cu.	St. : St-Cu.	St-Cu. : Cu.	3	8	9	7	5	6	...	...	...	...	...	...	o ●⁰ early : fair to c p ● day and *n* :
9	St-Cu.	St-Cu.:A-St.:A-Cu.	St-Cu. : Cu.	2	7	7	4	7	6		...	p ▲	...	...	...	b with ⌴ early : fine to fair day
10	St-Cu. : A-St.	Cu. : St-Cu. : A-Cu.	St-Cu. : Cu.	7	8	6	7	6	8	...	p ▲	...	...	...	...	with p ● and p ▲. [c with p ● *n* : bc or c all day with frequent p ▲ :
11	St. : Nb. : A-St.	St. : A-St.	St-Cu. : Cu.	9	10	10	8	4	9	p ●	●⁰	p ●	...	...	...	[*p* : squally and p ▲ *n* : Fine early to o p ● *a* : o p ● ▲,
12	Cu.	St-Cu.	St-Cu. : Cu.	3	2	3	2	1	1	...	...	...	...	...	...	▲ squalls early : fair or fine *a* : fine
13	St-Cu. : A-St.	St.-Cu : St. : A-St.	St-Cu. : A-St.	8	8	10	10	9	10	...	...	...	...	...	...	*p and n* : *p and n* :
14	St-Cu. : A-Cu.	St-Cu. : Cu.	St-Cu.	8	8	6	2	1	1	...	...	...	...	...	...	o p ● early : cloudy *a* : overcast
15	Cu.	St-Cu. : Ci-St.	St-Cu. : Ci-St.	2	3	7	7	4	6	⌴	...	0	0	0	⊃	c or o *a* to b *p and n* :
16	St-Cu. : A-St.	St. : A-St.	St. : St-Cu. : A-St.	10	10	10	8	9		...	●	●	...	...	...	b ⌴ early : b to c *a* : c *p* to bc *n* :
17	St-Cu.	St-Cu.	St-Cu.:Ci-St.:Ci-Cu.	8	10	5	5	8	7	...	...	...	...	...	...	● at times *a and p* : overcast *n* :
18	St.	St-Cu.	St-Cu.	10	10	10	9	9	10	...	...	...	...	...	...	Fine early to c or o *a* : fair *p* : cloudy *n* :
19	St-Cu.	St-Cu.	St-Cu. : A-St.	9	9	10	7	9	10	...	...	...	...	...	∞	A dull day.
20	St-Cu.	St-Cu.	St-Cu.	10	10	10	9	2	9	...	...	...	...	...	...	A dull day : ∞ *n* :
21	St-Cu.	St-Cu. : Cu.	St-Cu.	10	8	5	3	7	10	...	...	...	...	...	∞	Overcast *a* : o to b *p* : o *n* : [bc to b*p* : o *n* :
22	St-Cu.	St-Cu.	St-Cu. : A-Cu.	9	10	8	8	5	10	...	...	...	...	...	∞	Fair early with ⊃ : o to bc *a* : ∞ early : o or c *a* : c or b *p* :
23	St. : A-St.	St. : A-St.	St.	10	10	8	10	10	10	...	...	...	...	●	≡⁰	o with ∞ *n* : [o ≡⁰ *n* :
24	St.	St. : A-St.	St. : St-Cu. : A-Cu.	10	10	10	7	6	10	●	●⁰	...	...	...	...	∞ early : o to c *a* : o to o ● *p* : o ● *a* with p ▲ and T : o to bc *p* ;
25	St.	St. : A-St.	St. : St-Cu.	10	10	10	9	9	10	●	...	p ●	p ●	...	p ●	o p ● *n* :
26	St. : A-St.	St. : Cu. : St-Cu.	St. : A-St.	5	8	9	10	10	3	p ●	...	...	p ●	p ●	...	o with p ● all day.
27	St. : A-St.	Cu.	St. : St-Cu.	10	10	8	8	10	8	●	●	...	...	●	...	o or c with p ● all day : fine *n* : [c *n* :
28	St-Cu. : A-St.	St. : St-Cu. : A-St.	St. : St-Cu. : A-St.	10	9	8	10	8	9	...	...	...	...	...	...	p ● early : o ● to c *a* : bc to o ● *p* :
29	St. : A St.	St. : A-St.	St. : A-St.	10	10	10	7	7	8	...	...	...	...	...	...	c or o with p ● *a* : c or o *p and n* :
30	St. : A-St.	St. : A-St.	St. : St-Cu.	10	9	8	7	8	9	...	...	...	...	...	...	c or o with ● at times *a* : c *p and n* :
Mean Cloud Am'nt				7·0	7·6	7·4	7·0	6·2	7·0							● early : c or o all day.

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.

374. Cahirciveen (Valencia Observatory). **May, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St. : St-Cu.	St. : St-Cu.	St-Cu. : Cu. : A-Cu.	8	10	8	7	9	10	...	...	...	...	...	●	p ● early : c to o ● ⁰ *a* : c or bc *p* : o ●*n*:
2	St. : St-Cu. : A-St.	Cu. : Ci.	Cu. : Ci.	8	7	7	5	7	9	...	...	...	...	...	...	● early : c to bc day : o at *n* :
3	St. : St-Cu.	Cu. : St-Cu.	Cu. : St-Cu.	10	7	6	4	4	1	p ●	...	...	...	...	...	p ● *a* : fair to fine *p and n* :
4	Ci-St. : A-St.	Cu. : St.	St-Cu.	8	8	6	9	7	7	...	...	...	p ●⁰	...	...	b with ⊃ early : c *a* to fair or c p ● *p* : c *n* : [o at *n* :
5	St-Cu. : Ci.	St-Cu. : A-Cu.	St. : A-St.	7	8	5	10	10	10	...	...	...	...	●	...	Fair to c p ● *a* : fair to o ● *p* :
6	St. : St-Cu. : A-Cu.	St. : A-St.	St. : St-Cu. : A-Cu.	8	8	10	5	5	6	...	...	p ●	...	...	...	Fair to c or o p ● *a* : o p ● or c *p* to bc *n* : [fine *p* : c p ● *n* :
7	Cu. : St-Cu.	St-Cu. : A-Cu.	St-Cu. : Cu.	6	4	3	3	5	7	...	...	...	0	...	...	Showery with ● or ▲ to fair *a* :
8	Cu.	St-Cu. : Cu.	St-Cu. : Cu. : A-Cu.	3	7	5	6	5	9	...	...	...	...	...	...	c p ● to fair *a* : fair *p* to o *n* :
9	St.	St.	St.	10	10	10	10	10	10	●	●	≡⁰	...	●	...	o ● early *a* to o ≡⁰ : ● at times all day.
10	St.	St-Cu.	Cu. : St-Cu. : A-Cu.	9	7	8	10	7	9	...	...	...	...	...	...	● early : cloudy *a* : o or c with p ● *p and n* :
11	Cu.	St-Cu. : St.	St-Cu. : A-St.	1	8	9	10	9	1	...	...	...	...	...	...	p ● early : fair to o *a* : o with ●⁰ to fine *p and n* : [to o *p and n* :
12	Cu. : Ci-Cu. : Ci-St.	St-Cu. : Cu.	St. : St-Cu. : A-St.	8	9	6	8	10	10	p	...	...	...	...	...	b with ⊃ early : o p ● to fair *a* : fair
13	St-Cu.	St-Cu. : A-St.	St-Cu. : A-St.	7	5	7	7	8	10	...	...	...	...	...	●⁰	Fair *a* : cloudy *p* : o ●⁰ *n* :
14	St. : St-Cu. : A-Cu.	St-Cu. : Cu.	St-Cu. : Cu.	7	8	7	7	3	7	...	...	...	...	0	...	p ● early : cloudy day ; fine and clear evening. [c p ● to o *n* :
15	St. : A-St.	St-Cu. : Cu.	St-Cu. : Cu.	8	9	7	5	7	7	p ●	...	...	...	...	...	p ● with T early : o to fair day :
16	St-Cu.	Cu. : St-Cu. : Ci-Cu.	St-Cu. : A-Cu.	5	6	3	3	8	2	...	...	...	...	...	...	p ● early : fair to cloudy day : fine *n* :
17	St-Cu.	St-Cu.	Cu.	9	7	6	7	5	10	...	...	...	...	...	...	Fair to overcast all day.
18	Cu. : Ci-Cu. : Ci-St.	Cu. : St. : Ci.	St-Cu. : Ci.	3	9	7	9	8	8	p	...	...	...	...	...	b with ⊃ early : mainly fair or fine day.
19	St-Cu. : A-St. : A-Cu.	St. : A-St.	St. : A-St.	9	9	10	10	10	10	...	●	...	...	...	...	● early : dull *a* : o ● to c *p* : o p ● *n* :
20	St. : St-Cu. : A-St.	St. : St-Cu. : A-St.	St	8	9	10	8	10	10	...	●	...	...	●	...	p ● early : c or o with ● at times all day.
21	St. : St-Cu. : A-St.	St. : St-Cu.	St.	7	8	10	4	10	10	...	...	...	...	...	...	Cloudy day : some short fair periods.
22	St. : St-Cu.	St. : St-Cu.	St. : A-St.	8	10	8	10	10	10	p ●	●	...	...	...	...	p ●⁰ early : o or c with ● at times *a* : o p ● *p and n* :
23	St-Cu. : A-Cu.	St-Cu. : A-Cu.	St-Cu. : Ci-St.	7	3	8	4	7	8	...	...	...	...	...	...	p ● early : fair to c p ● day and *n* :
24	St.	St.	St-Cu. : Ci-St.	10	10	9	9	3	5	●⁰	...	...	...	...	...	o or c with p ● all day : fair at *n* : [day.
25	St-Cu. : A-Cu.	St-Cu.	St-Cu. : A-St.	7	7	9	9	9	10	...	...	...	...	...	...	Fair with ⊃ early : fair to overcast
26	St. : St-Cu.	St-Cu. : A-St.	St. : A-St.	9	9	10	10	10	10	p ●	...	...	●	●	●⁰	p ● early : dull *a* : o ● *p* to o ●⁰ *n* :
27	St.	St.	St.	10	10	10	10	10	10	...	●	...	●⁰ ≡⁰	●⁰	●	o ● early and *a* : ≡⁰ ●⁰ *p* : o ● *n* :
28	St-Cu. : A-Cu.	St-Cu. : A-Cu.	St-Cu. : A-St. : A-Cu.	9	8	7	4	9	9	...	...	...	...	...	...	● early : cloudy *a* to fair *p* : p ● at *n* :
29	A-Cu.	St. : A-St.	St. : A-St.	9	10	10	10	10	10	...	...	...	...	p ●	...	Dull day with early p ● : some ● at *n* :
30	St-Cu.	St-Cu. : Cu.	St-Cu. : Cu.	9	10	7	7	8	9	...	...	...	...	...	...	p ● early : ● at times *a* : c *p* : o at *n* :
31	St. : St-Cu.	Cu. : A-Cu.	St-Cu. : A-Cu.	9	8	6	6	7	9	...	...	...	...	...	...	●⁰ early : o *a* to fair *p* : o at *n* :
Mean Cloud Amnt				7·0	7·0	7·0	7·3	7·0	8·2							

375. Cahirciveen (Valencia Observatory). **June, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu. : Cu.	St-Cu.	8	7	7	6	9	10	≡	...	...	...	...	...	≡ early : c to bc *a* : bc to o *p* : o *n* :
2	St-Cu.	St.	St. : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull all day.
3	St.	St. : St-Cu. : A-St.	St. : St-Cu. : A-St.	10	10	10	10	10	10	●⁰	●⁰	...	...	...	≡⁰ ●⁰	●⁰ early and *a* : o *p* : o ≡ ⁰ ●⁰ *n* :
4	St.	St. : St-Cu.	St. : St-Cu.	10	10	5	6	9	10	...	...	...	...	...	...	●⁰ early : o to fair *a* : fair *p* : ●⁰ in evening : o *n* :
5	St. : St-Cu.	St-Cu. : A-St.	St. : A-St.	8	9	8	10	10	10	...	...	...	●⁰	p ●	...	Dull *a* : p ●⁰ *p and n* :
6	St. : St-Cu.	St-Cu.	St-Cu. : Ci-Cu.	8	9	5	6	7	8	...	...	...	...	...	...	p ● early : o to bc *a* : fair *p* : cloudy *n* :
7	St. : A-St.	St.	St.	10	10	10	9	9	6	p ●	●	...	...	...	...	p ● early : o ● *a* : ● at times *p* : fair *n* :
8	St. : St-Cu.	St-Cu.	Cu. : Ci-St. : Ci.	9	10	8	8	7	8	...	...	...	...	...	...	p ● early : o *a* : bc or c *p* : *c n* :
9	St. : St-Cu. : A-St.	Nb. : St. : A-St.	St-Cu.	9	10	10	10	3	10	...	...	●	●	...	...	bc with ⊃ early : o *a* : o ● to b *p* : o *n* :
10	St.	St. : A-St.	St. : A-St.	10	10	10	7	10	10	●	●	●	...	●	...	o with ● *a* : o ● to fair *p* : o, some ● *n* :
11	St. : A-St.	St. : A-St.	St. : St-Cu. : A-St.	10	9	10	10	8	8	...	...	p ●	...	...	...	● early : o p ● *a* : o or c with p ● *p* : c *n* :
12	St. : St-Cu. : A-St.	St. : A-St.	St. : St-Cu.	9	10	10	10	7	10	...	...	...	p ●⁰	...	...	c or o *a* : o p ●⁰ to c *p* : o *n* :
13	St. : St-Cu.	St-Cu. : A-Cu.	St-Cu. : A-Cu.	10	10	8	7	3	2	...	...	...	...	...	...	Dull *a* : c or bc *p* : fine *n* :
14	St. : St-Cu. : A-Cu.	St.	St.	9	9	10	10	10	10	...	...	●⁰	≡⁰ ●⁰	...	...	b with ⊃ early : o *a* : o with ●⁰ and ≡⁰ *p* : o *n* :
15	St. : A-St.	St-Cu. : A-St.	St. : A-St.	10	9	9	8	9	10	●	...	...	...	●⁰	≡⁰ ●⁰	● early : c to o *a* : c or o to ●⁰ *p and n* :
16	St. : A-St.	St. : A-St.	St.	9	10	10	10	10	10	...	●⁰	...	...	●	●	p ● early to o *a* : some ●⁰ *p* to ● *n* :
17	St-Cu.	St-Cu. : A-Cu.	St. : A-St.	7	8	7	7	10	10	...	...	...	...	●	≡⁰ ●	Fine early : cloudy day : ●² R late *p and n* : [o ●⁰ *n* :
18	St-Cu. : A-Cu.	St. : St-Cu. : Cu.	St. : St-Cu. : A-St.	6	8	7	8	10	10	...	...	...	...	...	●⁰	Fair early : c *a* with p ●⁰ : c or o *p* :
19	St. : A-St.	St-Cu. : Ci-Cu.	St-Cu. : A-Cu.	10	9	7	7	7	4	p ●	p ●	...	...	...	...	p ● *a* : c *p* to bc *n* :
20	St-Cu. : Ci-Cu.	St-Cu. : A-St.	St. : St-Cu. : A-Cu.	4	7	9	10	5	3	...	...	...	●⁰	...	...	b with ⊃ early : bc to c p ● *a* : o ● to fair *p* : fine *n* :
21	St-Cu. : A-Cu.	St-Cu.	St. : St-Cu.	3	8	6	10	8	8	...	...	...	p ●	...	...	b with ⊃ early : fair *a* : c or o with p ● *p* : c *n* :
22	St. : St-Cu. : A-St.	St. : St-Cu.	St. : St-Cu.	9	7	10	10	10	10	...	...	●	●	●	p ●⁰	c to o ● *a* : o ● *p* to o p ● *n* :
23	St.	St.	St.	10	9	10	10	10	10	≡⁰ ●⁰	...	...	...	≡⁰ ●⁰	≡⁰ ●⁰	● ≡⁰ early to o *a* : ●⁰ ≡⁰ at times *p* and *n* : [o *n* :
24	St.	St.	St.	10	10	10	10	10	10	≡⁰ ●⁰	≡⁰ ●⁰	≡⁰ ●⁰	...	≡⁰ ●⁰	...	●⁰ *a* with ≡ or ≡⁰ : o to ●⁰ ≡⁰ *p* :
25	St.	St.	St.	10	10	10	10	10	10	...	≡⁰ ●⁰	●⁰	...	...	●⁰	o all day with ●⁰ at times : ≡⁰ early *a* :
26	St. : A-St.	St.	St.	10	10	10	10	10	10	p ●	●⁰	...	...	●	●	o all day with intermittent ● : ● at *n* :
27	St-Cu. : A-St. : A-Cu.	Cu. : A-Cu.	Cu.	8	10	8	3	3	7	...	...	...	...	...	...	bc early : c or o *a* : bc to b *p* : c *n* :
28	St. : A-St.	St. : A-St.	St.	10	10	10	10	10	10	...	...	...	...	...	...	Overcast all day : evening ●⁰
29	St. : A-St.	Cu. : St-Cu.	St. : St-Cu.	10	10	8	6	7	9	...	...	...	...	...	p ●⁰	● early : o *a* : ●⁰ to bc or c *p* : op ● ⁰ *n* :
30	St-Cu.	Cu. : Ci-Cu.	Cu. : Ci-Cu.	9	8	6	5	5	2	...	...	...	...	...	...	o to bc *a* : fair *p* to fine *n* :
Mean Cloud Amnt				8·5	9·2	8·7	8·4	8·2	8·5							

Day. | Cloud Forms. 7h | 13h | 18h | Cloud Amount (All Forms). 7h | 9h | 13h | 15h | 18h | 21h | Weather. 7h | 9h | 13h | 15h | 18h | 21h | Remarks.

376. Cahirciveen (Valencia Observatory). **July, 1924.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather 7h	9h	13h	15h	18h	21h	Remarks.
1	St. : St-Cu.	St.	St.	8	9	10	10	10	[illegible]	...	...	●	●	●^{0}	...	b with early ⌒: c to o ● a: o ● p: ●^{0} to c p ● n:
2	St-Cu. : A-Cu.	St-Cu. : Cu.	St-Cu. : A-Cu.	8	9	7	6	6	6	...	...	...	...	...	...	p ●^{0} early and a; c or bc p and n:
3	St. : Fr.-St. : A-St.	St. : A-St.	St-Cu.	10	10	9	7	3	2	...	●^{0}	●^{0}	...	()	...	Fair early: o ●^{0} a to b p: c p ● to b n:
4	St-Cu. : A-Cu.	St-Cu. : A-Cu.	Cu. : St-Cu.	7	7	6	6	8	8	...	...	...	()	...	...	Fine to c p ● early and a: fair or fine p to o p ● or c n:
5	St. : A-St.	Cu. : St-Cu.	St-Cu. : St. : A-Cu.	10	10	6	7	9	7	...	●	...	...	...	...	c p ● early: o ●^{2} a: bc to o p ● p: c n:
6	St-Cu. : A-Cu.	St-Cu.	St. : St-Cu. : A-St.	7	10	10	8	10	10	...	...	...	...	...	...	b early with ⌒ to o p ● a: c or o p and n, some ●^{0}.
7	St.	St.	St. : A-St.	10	10	10	10	10	10	≡^{0}	≡^{0}	...	...	...	...	o p ● early: ≡^{0} a: dull day.
8	St-Cu.	St-Cu.	St.	10	10	8	8	10	9	...	...	...	...	●^{0}	...	Dull a with p ●^{0}: c to o ●^{0} p: o n:
9	St. : St-Cu. : A-St.	St. : St-Cu.	St. : A-St.	10	6	8	8	8	10	...	...	...	...	...	...	bc to c a: c to o p and n:
10	St.	St.	St.	10	10	10	10	10	10	●^{0}	●^{0}	...	...	...	●^{0}	o with ● and ≡^{0} at times all day.
11	St.	St.	St. : St-Cu.	10	10	10	10	8	7	≡^{0}	≡^{0}	●^{0}	...	...	...	●^{0} ≡^{0} early: ●^{0} late a: o to c p and n:
12	St.	St. : Cu.	St-Cu.	10	10	8	9	3	10	...	...	...	...	...	...	c to o ● a: c or o with p ● to b p: o n:
13	St-Cu. : A-Cu.	St-Cu.	St-Cu.	4	6	4	3	6	6	...	...	...	...	...	...	Fine early: c to b a and p: bc n:
14	St. : A-Cu.	St. : St-Cu.	St. : St-Cu. : A-St.	9	7	9	10	10	10	...	...	...	●	...	...	b with ⌒ early: c or o a: o ● p: o n:
15	St.	St.	St. : St-Cu.	10	10	10	7	8	10	● ≡^{0}	●^{0} ≡^{0}	...	...	...	...	o with ●^{0} and ≡^{0} a: c with p ●^{0} p: o n:
16	St-Cu. : A-Cu.	St-Cu.	St-Cu. : A-Cu.	6	6	5	5	6	9	...	...	...	...	...	...	Fair a with p ●^{0}: bc p to o n:
17	St. : A-St.	St. : St-Cu.	St. : St-Cu.	10	10	7	10	6	7	●	●	...	p ●	...	...	o ● to c a: o p ● to bc p: c n:
18	St. : St-Cu. : Cu.	St-Cu.	St-Cu. : A-Cu.	8	10	9	6	7	10	...	...	p ●	...	...	...	c to o p ● a: p ●^{0} to fair p: o n:
19	St-Cu.	St-Cu.	St. : A-St.	9	10	10	10	10	9	...	...	()	()	●^{2}	...	p ●^{0} early: o a: o to o ● p: o n:
20	Cu. : St-Cu.	St-Cu. : A-St.	Cu. : St-Cu.	8	8	8	8	8	7	...	...	...	...	...	...	● early: c all day.
21	St-Cu.	St-Cu. : Ci-Cu.	St-Cu. : Cu.	3	6	6	3	3	8	...	...	()	()	()	...	Fair and clear a to fine p: c n:
22	St-Cu.	St-Cu. : A-Cu. : A-St.	St.	2	3	7	8	10	10	⌒	...	()	...	...	≡^{0} ●′	b with ⌒ early: fine a: c or o p: o ●^{0} ≡^{0} n:
23	St.	St.	St. : St-Cu.	10	10	10	10	8	3	●^{0}	...	●^{0}	...	...	...	o all day with ●^{0} and ≡^{0} at times: fine n:
24	Fr-St. : St. : A-St.	St.	St. : St-Cu. : A-St.	10	10	10	9	10	10	...	●^{0}	●^{0}	...	...	≡^{0} ●′	Fine early: o with ●^{0} and ≡^{0} at times a: c p to o ●^{0} ≡^{0} n:
25	St.	St.	St. : St-Cu. : A-Cu.	10	10	9	9	9	10	●	●^{0}	...	...	...	●^{0}	●^{0} ≡^{0} early and a: with some ●^{0} p and n:
26	St. : A-St.	St. : St-Cu.	Cu. : A-St.	10	10	6	10	8	10	p ●	●^{0}	...	...	...	...	o with intermittent ●^{0} all day: o n.
27	St. : St-Cu.	St.	St. : A-St.	10	10	10	10	10	10	...	●^{0}	●^{0} ≡^{0}	●^{0}	p ●	●^{2} ≡^{0}	o with ● or ●^{0} and ≡^{0} a and p: ●^{2} n.
28	St. : St-Cu. : A-Cu.	St-Cu. : Ci-Cu.	St-Cu. : A-Cu.	8	3	6	7	7	10	...	...	...	...	...	...	p ● early: fair a and p: o n:
29	St-Cu.	St-Cu.	St-Cu. : A-St. : A-Cu.	10	9	8	3	7	9	...	...	...	...	...	...	o a to b p: o n:
30	St. : St-Cu. : A-Cu.	St. : St-Cu.	St. : St-Cu. : A-St.	8	8	8	8	9	10	...	...	...	...	...	...	p ●^{0} early: c with some p ●^{0} a and p: o n:
31	St. : A-St.	St. : A-St.	St. : A-St.	10	10	10	10	10	10	●^{0}	...	●^{0}	...	...	...	o with ●^{0} and ≡^{0} a: o p: p ● to [illegible] n.
Mean Cloud Am'nt				[illegible]	8·6	8·3	7·9	8·0	8·6							

377. Cahirciveen (Valencia Observatory). **August, 1924.**

Day.	Cloud Forms. 7h	Cloud Forms. 13h	Cloud Forms. 18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St-Cu.	St-Cu. : A-Cu.	10	10	8	9	8	4	...	...	...	p ●	...	...	● early: o or c with p ● a and p: fair n:
2	St-Cu. : A-St.	St-Cu. : Ci-Cu.	St-Cu. : A-Cu.	7	3	5	3	7	10	...	...	...	...	...	...	Fair or fine a and p to o n:
3	St.	St.	St.	10	10	10	9	10	5	●	≡^{0} ●^{0}	...	...	...	...	● or ●′ with ≡^{0} a: o with some ●^{0} p to bc n:
4	St.	St.	St.	10	10	10	10	10	10	≡^{0}	●^{0}	...	●^{0}	...	...	o all day with ● ≡^{0} at times a, ●^{0} ≡^{0} p: o n:
5	St.	St. : A-St.	St. : St-Cu.	10	10	10	8	6	8	●^{0}	...	p ●^{0}	...	...	...	o ●^{0} early: o p ● to c a: c to bc p and n:
6	St. : A-St.	St. : St-Cu. : A-Cu.	St-Cu.	10	10	7	7	3	5	...	...	p ●^{0}	...	...	...	o with ● a [illegible] p to fine or fair n.
7	St-Cu. : A-Cu.	St-Cu. : Cu. : A-Cu.	St-Cu.	7	7	7	6	2	1	() ⌒	...	...	...	()	...	b with ⌒ early: fine or fair all day and n:
8	St-Cu.	Cu. : St-Cu.	St-Cu. : A-Cu.	9	9	8	6	4	1	...	...	...	...	...	...	b with ⌒ early: c or o a to bc p: b n:
9	Cu. : St-Cu.	St-Cu. : A-St.	Cu. : Ci-Cu.	6	6	10	7	8	9	...	...	...	...	...	...	b with ⌒ early: bc to o a and p: o n:
10	St-Cu. : A-St. : A-Cu.	St-Cu.	Cu. : A-St.	9	6	10	8	9	10	...	...	...	...	...	...	⌒ early: c or o all day and n:
11	St. : St-Cu.	St. : St-Cu. : A-Cu.	St. : St-Cu. : A-Cu.	6	8	5	10	6	10	...	...	...	...	...	●^{0}	● early: c a with p ●: bc to o p with p ●: o ●^{0} n:
12	St.	St. : St-Cu.	St.	10	10	8	10	10	10	●^{0}	...	...	...	p ●^{0}	...	o nearly all day with ●^{0} or p ● at times.
13	St. : St-Cu. : A-Cu.	St. : St-Cu.	St-Cu. : A-Cu. : A-St.	7	9	8	8	7	10	...	...	...	...	...	●	p ● early: cloudy day: o ●^{0} n.
14	St. : St-Cu.	St. : St-Cu.	St-Cu. : Cu.	9	10	7	7	9	9	...	...	p ●	...	...	...	● early: o or c a with p ●: c to bc with p ● p: fair n:
15	St. : St-Cu. : Ci-Cu.	St-Cu.	St.	7	10	10	10	10	10	...	...	p ●	...	...	●	bc early: o nearly all day with p ●: o ● n:
16	St. : St-Cu.	St-Cu. : A-Cu.	St-Cu. : A-St.	7	8	8	9	10	10	...	...	...	...	...	...	o to bc a: c or o p with some ●^{0}: o n:
17	St.	St. : St-Cu.	St-Cu. : A-St.	10	9	10	8	6	10	●	...	p ●	...	...	p ●	Squalls with ● early: cloudy day with p ●.
18	St. : St-Cu. : A-Cu.	St-Cu. : A-Cu.	St-Cu. : A-Cu.	7	7	4	6	6	9	...	...	...	...	...	p ●	c to bc with p ● a and early p: o p ● n.
19	St. : Nb.	St. : St-Cu.	St. : St-Cu. : A-St.	10	9	8	8	8	9	p ●	...	...	...	p ●	...	o p ● a: c or o with p ● p and n.
20	St. : St-Cu.	St-Cu. : A-Cu.	St-Cu. : A-Cu.	8	10	5	5	5	10	p ●	...	...	...	...	p ●	o p ● early: c or bc a and p: o p ● n.
21	St. : A-St.	St. : St-Cu. : A-St.	St. : St-Cu. : A-Cu.	10	10	8	7	7	9	p ●	...	...	...	...	...	o or c with p ● a: c p to o p ● n:
22	St. : St-Cu.	St. : St-Cu.	St. : St-Cu.	5	10	9	9	7	7	...	p ●	...	...	...	...	c or o with p ● all day.
23	St. : St-Cu.	St-Cu. : A-Cu.	St-Cu. : A-Cu.	8	8	6	7	8	10	p ●	...	...	...	...	...	p ● early: c a to bc or c p: o n:
24	St. : St-Cu. : A-St.	St-Cu. : St.	St-Cu. : St.	10	9	10	10	10	8	...	...	...	...	...	...	b early: o all day: c n:
25	St. : St-Cu.	St-Cu. : Cu.	St-Cu. : A-Cu.	9	8	7	3	3	10	...	...	...	...	...	...	c or o a with p ●^{0} to bc or b p: o n:
26	St. : St-Cu.	St-Cu.	St. : St-Cu. : A-Cu.	9	10	7	8	7	9	...	p ●^{0}	...	...	...	...	⌒ early: cloudy a: c with p ●^{0} p: o n:
27	St. : A-St.	St. : A-St.	St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull and overcast all day with some ●^{0} n:
28	St.	St.	St. : St-Cu.	10	10	10	10	7	8	●	●	...	...	...	...	o with ● and ●^{2} a: o p ● p: o n:
29	St. : St-Cu.	St.	St.	8	9	10	10	10	10	...	...	●	...	...	≡^{0}	p ● early: c or o a to o with ● at times p: o ≡^{0} n:
30	St. : A-St.	St.	St. : St-Cu.	10	10	10	10	8	10	...	...	●	●^{0}	...	●	o with ● a: [illegible] p with p ●: o ● n.
31	St.	St. : St-Cu.	St. : St-Cu.	10	8	9	6	10	10	≡^{0} ●^{0}	...	...	...	p ●^{0}	...	o or c all day with ≡^{0} ●^{0} early and p ● a and p: o n:
Mean Cloud Am'nt				8·8	8·6	8·2	8·6	7·[illegible]	8·3							
Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather 7h	9h	13h	15h	18h	21h	Remarks.

378. Cahirciveen (Valencia Observatory). **September, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St. : St-Cu.	St. : St-Cu. : A-St.	9	10	10	8	9	10	...	...	...	...	...	●0	p ●0 early : o *a* : c *p* : o ●0 *n* :
2	St. : A-St.	St-Cu. : A-St.	St. : A-St.	8	10	8	9	10	10	...	...	...	...	...	...	p ● early : overcast and dull day.
3	St.	St-Cu.	St-Cu. : Cu. : A-Cu.	10	8	8	6	6	6	...	...	...	...	...	...	●0 early : cloudy *a* to fair *p and n* :
4	St.	St-Cu.	St. : St-Cu. : A-Cu.	2	–	9	9	8	10	...	...	...	...	...	...	b with ☾ early : b *a* : c or o *p and n* :
5	St. : A-St.	St-Cu. : A-St.	St-Cu. : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull and overcast all day with p ●1 late *a* :
6	St. : St-Cu. : A-St.	St. : St-Cu. : A-St.	St-Cu. : A-St.	10	10	10	10	10	10	●0	●0	...	●0	...	...	o with ● at times all day.
7	St-Cu. : A-Cu.	St-Cu. : A-St.	St-Cu. : A-St.	8	10	10	10	9	10	p ●	...	p ●	...	...	...	●2 early : c or o with p ● all day.
8	St-Cu. : St. : A-St.	St. : A-St.	St. : A-St.	10	10	10	8	8	10	...	...	●0	...	...	...	Fair early : o to o ● *a* : c or o with p ●0 *p and n* :
9	St. : St-Cu.	St-Cu.	St-Cu.	7	5	4	4	3	10	p ●0	...	...	...	...	...	o p ● to bc *a* : c p ●0 to b *p* : o *n* :
10	St. : A-St.	St.	St.	10	10	10	10	10	10	...	...	●2	●	●	●0	Fine early, to o ●0 *a* and o ● *p and n* :
11	St. : St-Cu.	St. : A-St.	St. : A-St.	8	9	10	10	10	10	...	...	...	...	...	●0	p ● early and *a* : c or o all day : ●0 *n* :
12	St. : A-St.	St. : A-St.	St. : St-Cu.	10	10	9	10	9	8	p ●	...	...	...	...	...	c or o all day with p ● early and *a* :
13	Cu.	St-Cu.	Cu. : A-St.	8	2	8	5	4	1	p ●	...	p ●0	...	...	...	p ●0 early : fine to c p ●0 *a* : c or bc *p* : b *n* :
14	St-Cu. : Ci.	Cu. : St. : A-St.	Cu. : A-St.	5	9	9	10	9	2	...	p ●	...	...	...	...	Fine to o p ● *a* : c or o *p* : b *n* :
15	St-Cu. : Cu.	St.	St. : A-St.	10	10	10	10	9	3	...	...	●	...	...	...	c or o all day with ● late *a* : b *n* :
16	St.	St.	St.	10	10	10	10	10	10	●0	...	...	●0	●	...	Overcast all day with ● at times.
17	St. : A-Cu. : A-St.	St-Cu. : A-Cu.	St-Cu.	8	8	3	3	3	1	...	...	...	...	...	...	p ● early : c to b with some p ● *a* : fine *p and n* :
18	St-Cu. : St.	St-Cu. : A-Cu.	St-Cu.:Ci-St.:Ci-Cu.	8	3	7	7	6	1	...	...	...	...	...	...	p ● early : c to b *a* : c *p* to b *n* :
19	St-Cu. : St.	St.	St.	10	10	10	10	10	7	...	...	●	●	...	...	p ● early : o all day with ● : c *n* :
20	St.	St. : St-Cu.	St.	10	10	10	10	10	5	●	●	●	●	...	...	o *a and p* with ● : c late *p* to bc *n* :
21	St. : St-Cu.	St-Cu. : St.	St. : A-St.	7	8	10	10	9	9	...	...	...	...	T	●	●0 early : c or o with p ● *a* : o p ● ↖ *p* : o ● *n* :
22	Cu. : Ci.	St. : A-St.	St. : A-St.	8	6	10	10	7	5	...	...	p ●	●	...	...	p ● early : bc to o p ● *a* : o ●2 *p* to bc *n* : [squalls *p* to b *n* :
23	St.	St. : St-Cu. : A-St.	St-Cu. : A-Cu.	10	10	8	6	5	2	●0	...	...	...	...	...	● early to p ● *a* : c or bc with
24	St.	St. : A-St.	St. : St-Cu.	10	10	10	8	7	3	p ●	●	●	...	...	...	o ● early and *a* to c or o *p* with some p ● : b *n* : [clear air.
25	St-Cu. : St.	St-Cu.	St-Cu. : Cu.	9	7	7	8	7	4	...	...	()	()	...	...	●0 early : cloudy day with very
26	St-Cu. : St.	St-Cu. : Cu.	St-Cu.:A-Cu.:A-St.	9	5	6	6	7	3	...	...	...	...	...	...	Fair to cloudy all day : fine *n* :
27	St-Cu. : A-Cu.	St-Cu.	St-Cu. : Ci. : Ci-St.	3	7	7	4	6	10	☾	...	()	()	()	...	b with ☾ early : c or bc all day. clear : o *n* :
28	St-Cu. : A-St.	St.	St.	10	10	10	10	10	10	...	...	●	●	●	●	Fair to o *a* : o ● *p and n* :
29	St.	St.	St-Cu. : A-St.	10	10	10	7	9	10	≡0 ●	●0	●	...	...	●	o ● *a* : c or o *p* : o ● *n* :
30	St-Cu. : Cu-Nb. : Ci-Cu.	St-Cu.	St-Cu. : A-Cu.	7	5	7	7	4	3	p ●	...	...	...	...	...	p ● early : cloudy day : fine *n* :
Mean Cloud Am'nt				8·5	8·1	8·7	8·2	7·8	6·8							

379. Cahirciveen (Valencia Observatory). **October, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St. : St-Cu.	St. : A-St.	St-Cu. : Cu.	10	10	10	10	8	10	...	...	...	...	...	...	p ● early : overcast all day.
2	St. : St-Cu.	St-Cu. : A-Cu.	St. : St-Cu. : A-St.	10	7	5	8	8	2	...	...	...	...	p ●	...	p ● early : c to b *a* : cp ● *p* : fine *n* :
3	St-Cu.	St-Cu. : Cu.	St-Cu. : Cu.	3	3	5	3	3	1	...	...	()	()	()	...	p ● early : fine *a and p*, very clear : fine *n* :
4	St-Cu.	St-Cu.:A-St.:A-Cu.	St-Cu. : A-St.	5	2	6	9	10	10	...	...	...	...	...	...	Fine *a* : o *p* : o p ●0 to o ● *n* :
5	St-Cu.	St-Cu.	St-Cu. : Ci-St.	9	3	8	8	8	9	...	...	...	...	...	...	● early : b to c p ● *a* : c or o *p and n* with some p ●0.
6	St.	St-Cu. : A-Cu.	St-Cu.	10	10	7	7	5	7	●	...	...	...	...	...	● early : o or c with p ● *a* : c p ● to b *p* : c *n* :
7	Cu.	St-Cu. : A-St.	St. : A-St.	2	6	8	9	10	9	...	...	...	...	...	...	b to c *a* : o with some p ●0 *p* : o *n* :
8	St-Cu. : A-St.	St. : St-Cu. : A-St.	St-Cu. : A-Cu.	9	10	8	6	7	1	...	...	...	...	...	...	o with p ●0 *a* : fair *p* : fine *n* :
9	St.	St. : A-St.	St.	10	10	10	8	10	10	●	●	...	...	≡0 ●	≡0 ●	o ● *a* : o or c with some ●0 *p* : o ≡0 ● *n* :
10	St. : A-St.	St-Cu. : Cu.	St-Cu.	7	8	6	5	7	2	...	...	...	...	...	...	p ● early : c or bc *a* : bc to c p ● *p* : b *n* :
11	Cu. : A-St.	St. : St-Cu. : A-St.	St.	8	8	10	10	10	9	...	...	p ●	●	...	...	p ● early : c with some p ● late *a* : c p ● to o ● *p* : o *n* :
12	St. : A-St.	A-St. : Ci-St.	St-Cu. : St.	5	8	9	10	10	10	...	...	...	p ●	...	p ●0	b to c *a* : o with p ● *p and n* :
13	St-Cu. : A-St.	St-Cu. : Cu.	St-Cu. : A-St.	10	8	4	4	7	10	...	...	...	...	...	...	p ● early : c to bc *a* : bc to c *p* : o *n* :
14	St. : A-St.	St-Cu. : Cu.	Cu.	6	6	3	1	1	–	...	...	...	...	...	...	Fair *a* : fine *p and n* :
15	Ci-St.	A-St.	A-Cu. : A-St.	1	1	2	3	6	3	...	...	...	...	...	...	Fine *a* : fine to fair *p* : fine *n* :
16	St.	St. : A-St.	St.	10	10	10	10	10	6	≡0 ●0	≡0 ●0	●0	...	●0	...	o *a* with ≡0 ●0 : o ●0 *p* to fair *n* :
17	St-Cu.	St-Cu. : A-Cu.	St. : A-St.	9	7	7	7	10	10	p	...	...	...	...	...	Fair early with ☾ : c *a* : o *p* with p ● : o *n* :
18	St.	St. : A-St.	St.	10	10	10	10	10	10	●	●	●	●	●	●	Overcast with continuous ● all day.
19	St.	St. : St-Cu.	St. : St-Cu.	10	9	9	9	10	10	...	...	...	...	...	...	● early : o to c with p ● *a* : o *p* with p ●0 : o *n* :
20	St.	St. : St-Cu. : A-St.	St. : St-Cu. : A-St.	10	9	8	7	8	10	...	...	()	()	()	...	p ●0 early : o *a* to c *p* with p ● : o *n* :
21	St-Cu. : A-St.	St-Cu. : A-Cu.	St-Cu. : A-St.	9	9	6	8	8	9	...	...	...	...	...	...	● early : o to bc *a* : c or bc *p* : o *n* :
22	St. : A-St.	A-Cu.	St-Cu. : A-St.	4	2	2	4	7	10	...	...	...	...	...	≡0	Fair or fine *a* : fair to c *p* : o ≡0 *n* :
23	St-Cu. : St.	St-Cu.	St-Cu.	10	9	8	8	7	3	...	...	...	...	...	...	o to c *a* : c *p* : fine *n* :
24	St-Cu. : St.	St-Cu.	St. : A-St.	10	10	8	10	10	10	...	...	...	...	●	●	o or c with squalls *a and p* : ≡0 and ● late *p and n* :
25	St. : St-Cu.	St. : A-St.	St.	10	10	10	10	9	3	●	●	●	●	...	...	o ● *a and p* : c or bc late *p* to b *n* :
26	St-Cu. : A-St.	St-Cu. : A-St.	St-Cu.	8	3	9	8	10	7	...	...	...	...	...	...	Fine to cloudy *a* : c or o *p* : c *n* :
27	St.	St.	St. : St-Cu.	10	10	10	4	7	6	●2	●	...	...	...	...	o with ● *a* : o to bc with p ● *p* : bc *n* : [late *p* : o *n* :
28	St-Cu. : St.	St. : A-St.	St.	10	9	10	10	10	10	...	...	...	...	...	...	p ● early and *a* : o *a and p* : p ●
29	St.	St-Cu.	St. : A-St.	10	10	7	7	3	2	≡0 ●	...	...	...	...	...	o ● early : c *a and p* to b *n* :
30	St-Cu. : A-St.	St-Cu.	St-Cu. : A-St.	10	8	7	7	10	10	...	...	...	...	...	...	● early : c *a* to o *p and n* :
31	St. : St-Cu.	St. : A-St.	St. : A-St.	10	10	10	10	8	–	...	...	...	●0	...	...	o *a* to o ●0 *p* : bc to b *n* :
Mean Cloud Am'nt				8·2	7·6	7·5	7·4	8·0	6·7							

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.

380. Cahirciveen (Valencia Observatory). **November, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St.	St. : A-St.	10	10	10	10	9	2	●	●	●^{0}	...	...	...	o with ● at times *a* : o p ● and squalls *p* : fine *n* : [p ● *p* : b *n* :
2	St. : A-St.	St-Cu. : St.	St-Cu. : A-St.	10	8	6	9	7	2	...	...	...	...	...	...	●^{0} early : o to bc *a* : o or c with
3	St.	St-Cu.:A-St.:A-Cu.	St-Cu.	10	9	6	2	2	–	...	...	...	...	...	...	b early : o *a* : bc or b *p* : b *n* :
4	Ci-St.	—	St-Cu.	3	3	–	–	5	9	...	...	O	O	O	...	b with ⌴ early : b *a and p*, very clear : o *n* :
5	St.	St-Cu. : A-St.	St-Cu. : A-St.	10	9	10	9	10	10	...	...	...	...	...	...	o all day : ●^{0} late *p* : o *n* :
6	St.	St-Cu.	St-Cu. : A-St.	10	9	9	7	4	1	...	...	...	...	...	...	c or o *a and p* : fine *n* :
7	St.	St-Cu.	St.	1	9	7	4	1	9	...	...	...	...	...	...	b early : o or c *a* : bc or b *p* : o *n* :
8	St.	St-Cu.	St-Cu.	10	8	10	10	9	9	...	...	...	...	...	...	c or o all day and at *n* :
9	St-Cu.	St-Cu.	St-Cu.	10	9	9	10	10	10	●^{0}	p ●	...	p ●	...	...	●^{0} early : o or c with p ● *a and p* : o *n* : [times *p* : ●^{2} *n* :
10	St-Cu.	St-Cu.	St-Cu. : A-St.	10	9	8	10	9	10	...	p ●^{0}	...	●^{0}	...	●^{2}	o or c with p ●^{0} *a* : o with ●^{0} at
11	St. : A-St.	Cu. : A-Cu.	Cu. : St-Cu.	9	2	3	2	2	4	...	...	...	...	...	...	o early to fair or fine day.
12	St-Cu.	Cu. : St-Cu.	A-St.	1	1	4	4	1	1	...	...	...	...	p	...	c p ● early to fair or fine day and *n* : p late *p* :
13	St. : A-St.	St-Cu. : A-St.	St. : A-St.	9	9	10	10	10	10	...	...	...	●	●^{0}	●	c or o *a* : o with ● *p and n* :
14	St.	St. : A-Cu.	Cu. : A-Cu. : A-St.	10	9	8	9	8	2	●	...	...	...	...	...	o ● early to c or o *p* : fine *n* :
15	St.	St. : St-Cu.	St-Cu. : A-Cu.	9	8	7	8	7	9	...	...	...	...	...	...	Fair early to c *a and p* : o *n* :
16	St-Cu.	A-St. : Ci.	St.	10	5	6	8	10	10	...	...	...	...	...	...	o early to fair *a* : c *p* to o *n* :
17	St.	St-Cu.	St-Cu.	10	8	7	8	9	10	...	...	...	...	...	...	c or o all day.
18	St.	St-Cu.	St-Cu.	10	10	8	8	9	10	≡^{0}	∞	...	...	...	...	≡^{0} or ∞ early : c or o all day.
19	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	...	Dull and overcast all day.
20	St. : St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	10	...	...	...	...	...	...	Dull and overcast all day.
21	St-Cu.	St. : St-Cu.	St. : A-St.	10	10	10	10	10	10	...	...	...	...	...	...	Dull and overcast all day with some p ●^{0} *p* : [≡^{0} at *n* :
22	St.	St.	St.	10	10	10	10	10	10	●^{0}	●	●	●	●^{0}	≡^{0} ●	Overcast all day with ● : ● and
23	St.	St.	St.	10	10	10	10	10	10	≡^{0}	≡^{0}	≡^{0} ●	≡^{0} ●	≡^{0} ●	≡^{0} ●^{0}	Overcast all day with ● and ≡^{0}.
24	St-Cu. : St.	St. : A-St.	St. : A-St.	10	10	10	10	10	10	...	●	...	●	●	●	o with p ● *a* : ● *p and n* :
25	St. : St-Cu. : A-St.	St. : A-St.	St-Cu. : A-Cu.	10	10	10	10	8	9	...	...	●^{0}	...	...	...	● early : o *a* to o p ● *p* : o *n* :
26	St-Cu.	Cu. : A-St.	St-Cu. : A-St.	1	3	9	9	10	10	...	...	...	...	...	...	● early : c p ● to b *a* : o *p and n* :
27	St. : St-Cu.	Cu. : St-Cu.	St. : St-Cu.	10	8	7	2	8	5	...	...	...	...	...	...	● early : c *a* with some p ● : c p ●^{0} *p* to bc *n* :
28	St.	St. : A-St.	St. : A-St.	10	10	10	10	10	10	...	●^{0}	●^{0}	●	...	●	Fine early : ●^{0} *a* to ● *p and n* :
29	St-Cu. : St.	St-Cu.	St.	10	8	8	8	10	1	...	...	...	...	p ●	...	p ● early : c or o *a* : c to o p ● *p* : b *n* : bc *n* :
30	St.	Cu. : A-Cu.	St-Cu.	4	2	4	6	3	5	...	...	...	...	...	...	p ● early to bc or b *a* : o p ● to b *p* :
Mean Cloud Am'nt				8·6	7·9	7·9	7·8	7·7	7·3							

381. Cahirciveen (Valencia Observatory). **December, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St. : A-St.	St.	10	10	10	10	10	10	●^{0}	●^{0}	●^{0}	●^{0}	●	●	o with ● all day.
2	St.	St. : A-Cu. : A-St.	St-Cu. : A-Cu.	7	6	7	7	8	10	...	...	...	...	...	...	p ● early : bc to c *a* : c *p* to o *n* :
3	St.	St-Cu. : A-Cu.	St-Cu. : Cu. : A-Cu.	7	2	3	7	7	9	...	...	...	...	...	...	Fair or fine *a* : bc to c *p* : o *n* : [fine *n* :
4	St.	St. : A-St.	St.	10	10	10	10	10	–	≡^{0} ●^{0}	≡^{0} ●^{0}	...	●	●	...	●^{2} early : o all day with ● and ≡^{0} :
5	St.	St-Cu. : Cu.	St-Cu.	10	8	5	6	2	10	...	...	...	...	...	p ●	o to bc *a* : c p ◹ ● ▲ to b *p* : o with p ● *n* : [bc *n* :
6	St.	St. : St-Cu.	St.	1	5	9	10	8	5	...	...	...	p ●^{0}	...	...	p ● early : b to o *a* : o with p ●^{0} *p* :
7	St.	St. : St-Cu.	St.	10	10	10	10	10	9	...	...	●^{0}	●	●	...	p ● early : o to o ●^{0} *a* : o ● *p* : o *n* :
8	St. : A-St.	St.	St. : A-St.	2	6	10	10	8	8	...	...	...	●	...	≡^{0}	Variable sky b to o *a* : o ● to c *p* : c with ≡^{0} *n* : [p ●^{0} *p* : o ●^{0} *n* :
9	St.	St. : St-Cu. : A-Cu.	St.	2	8	6	8	9	10	...	...	...	...	...	●^{0}	≡^{0} early : b to c *a* : bc to o with
10	St.	St. : St-Cu. : A-Cu.	St. : St-Cu.	9	9	6	9	8	8	...	...	...	...	...	...	o to bc *a* : bc to o *p* : c *n* :
11	St-Cu.	St. : St-Cu.	St.	10	8	8	10	10	10	...	...	...	●^{0}	●^{0}	●	c or o *a* : o with some ●^{0} *p* : o ● *n* :
12	St.	St.	St.	10	10	10	10	10	10	...	...	●^{0}	●	●^{0}	●^{0}	≡^{0} ● early : o with some ●^{0} *a and p* : ●^{0} *n* : [with p ● *p* : c *n* :
13	St-Cu.	St-Cu.	St-Cu.	10	5	5	3	3	7	●^{0}	...	...	...	...	...	● early : o to bc and c p ● ▲ *a* : b or bc
14	St-Cu.	Cu. : A-St.	St. : A-St.	1	5	7	8	3	10	...	...	...	...	...	●^{0}	●^{0} early : bc to c with p ● *a* : o to bc *p* : ● squalls *n* : [b *p* : b *n* :
15	St. : A-St.	St. : St-Cu.	St.	8	10	9	10	3	3	...	p ●	...	●	...	...	● early : o or c with p ● *a* : o ● to
16	St-Cu.	St. : St-Cu. : A-St.	St. : A-St.	9	8	10	10	10	10	...	...	...	...	...	...	p ● early : o to b *a* : o *p and n* :
17	St.	St.	St.	10	10	10	10	10	10	...	≡^{0}	●^{0}	...	●^{0}	●^{0}	Overcast with ● or ●^{0} at times all day.
18	St. : A-St.	St.	St. : St-Cu.	10	10	10	7	7	1	...	≡^{0} ●^{0}	●	...	...	...	Overcast with ● or ●^{0} at times *a* : c *p* to b *n* :
19	St. : A-St.	St. : St-Cu.	St. : St-Cu.	10	8	7	7	5	1	...	...	...	...	...	...	bc early : o to c *a* : c to bc *p* : b *n* :
20	St.	St.	St-Cu.	10	10	10	10	4	7	●^{0}	≡^{0} ●^{0}	≡^{0} ●^{0}	...	...	...	bc early : o with ●^{0} and ≡^{0} at times all day : bc to c *n* :
21	St-Cu. : A-St.	St-Cu.	St-Cu.	7	9	9	9	8	10	...	...	...	...	...	...	Fine early : c or o all day.
22	St-Cu.	St.	St-Cu. : Ci-Cu.	9	9	9	7	6	10	...	...	...	...	...	...	Squally with ●^{2} early : c to o ● *a* : o p ● to bc *p* : o *n* :
23	St.	St-Cu.:A-Cu.:A-St.	St-Cu.	1	4	8	6	3	6	...	...	...	...	...	...	● early : b to c p ▲ *a and p* : bc *n* :
24	St-Cu.	St. : St-Cu. : A-St.	St. : A-St.	6	8	9	7	8	2	...	...	...	...	...	...	Fine early : c to o p ● ▲ *a and p*, squally : b *n* :
25	St.	St.	St.	10	9	10	10	10	2	...	...	...	●	●	...	Fine early : o with p ●^{2} *a* : o ● *p* : o *n* :
26	St.	St. : A-St.	St. : A-St.	6	6	10	10	10	10	...	...	...	...	●	●	b early to o *a* : o ● *p and n* :
27	St.	St. : St-Cu.	St.	10	3	8	8	7	2	...	...	p ●	p ●^{0}	p ▲	...	● early : b to cp ● *a* : bc to o with p ▲ squalls *p* : b *n* :
28	St.	Cu. : A-St.	St.	10	10	7	8	7	10	...	p ●	...	...	...	...	o p ▲ *a* : c to o p ● *p* : o *n* :
29	St.	St. : A-St.	St.	5	10	10	10	10	10	...	...	...	...	●	●	p ● early : bc to o *a* : o to o ● *p and n* : [p ▲ *a and p* : o *n* :
30	St.	St-Cu. : A-Cu.	St. : St-Cu. : A-St.	10	6	5	8	7	9	...	...	...	...	...	...	o ● early : bc to c with squalls and
31	St.	St-Cu. : A-St.	St.	3	10	7	8	10	7	...	p ▲ ✲	...	...	p ▲	...	p ● ▲ early : b to c with squalls : and p ● ▲ ✲ *a* : p ▲ ◹ ● *p* : o *n* :
Mean Cloud Am'nt				7·5	7·8	8·2	8·5	7·5	7·3							
Mean An'ual Cloud Am'nt				8·2	8·1	7·9	7·8	7·6	7·6							Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

FOR OFFICIAL USE

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(Richmond)

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1924

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valencia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

RICHMOND (KEW OBSERVATORY)

Published by the authority of the
METEOROLOGICAL COMMITTEE

LONDON
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

1927

RICHMOND (KEW OBSERVATORY).

Latitude	51° 28′ N.
Longitude	0° 19′ W.
G.M.T. of Local Mean Noon	12h 1m.

Heights in Metres above Sea Level.

Barometer	10·4
Raingauge	5·5
Robinson Cup Anemograph	25
Dines Tube Anemograph	25

Heights in Metres above Ground.

Thermometer Bulbs	3·0
Sunshine Recorder	13·3
Robinson Cup Anemograph	20
Dines Tube Anemograph	20

INTRODUCTION.

SITE.

The Observatory was built in 1769 as the private observatory of King George III. Since 1842 it has been devoted to physics and meteorology. The meteorological records are continuous from 1854. The Observatory is in the Old Deer Park, Richmond (Surrey), about 10 miles (16 km.) to the west of the City of London. The Observatory stands on a low artificial mound whose level is about 1½ metres higher than that of the surrounding park. The river Thames is distant about 300 metres on the north and west. Kew Gardens, which are extensively wooded, lie to the east-north-east, the nearest point of the Gardens being about 600 metres away. The town of Richmond, to the south-east, is about 1,100 metres distant. On the east side of the Park is the main road from Richmond to Kew; on the south side the railway from Richmond to Twickenham. The Old Deer Park is mainly open pasture. Round the Observatory a golf course has been laid out. Another open area partly wooded, Syon Park, lies to the north-north-east across the river. Richmond Park is about 1½ miles (2½ km.) to the south-east. For general views of the Observatory building and the exposure lawn, see the 1923 volume. For the early history of the Observatory reference may be made to papers by R. H. Scott (Royal Society's Proceedings, Vol. 39 (1885), pp. 37-86), and C. Chree (The Record of the Royal Society, 1897).

METEOROLOGY.

The elements dealt with in the following tables are: atmospheric pressure, temperature, humidity, rainfall, sunshine, solar radiation, wind speed and direction, earth temperature, minimum temperature on the grass, level of underground water; there is also a diary of cloud and weather.

For brief descriptions of most of the instruments from which values of the above elements have been obtained and of the methods of tabulating the records, reference should be made to the General Introduction (pp. 10-16). The following notes supplement, where necessary, the information contained therein.

Notes on Instruments.

Pressure.—The barograph is mounted in the magnetograph room (in the basement of the Observatory) where the diurnal variation of temperature is very small. The barograph magnifies barometric changes in the ratio 1·553 : 1, i.e. the change of ordinate equivalent to a change of 1 mm. in the height of the barometer is 1·553 mm. "Residual corrections," obtained from the control observations taken daily with the Newman barometer at 9h, 15h and 21h, are applied to the hourly measurements. The same correction is applied to all the readings on the same photographic sheet, i.e. generally for forty-eight hours. The individual entries published for the hours of the control observations may differ by ·3 mb. from those observations. The Newman barometer is compared from time to time with the two large mercury barometers, which were set up in 1855 and 1860 respectively and are still recognised as standards. A zero correction is based on these comparisons. A comparison, made in 1924, confirmed the correction +0·2 mb. (+ ·006 mercury inch) which has been applied for many years. Comparisons are made on the assumption that the value of the acceleration due to gravity is $g = 981{\cdot}199$ cm./sec^2. This is the value given by pendulum observations. The departure from the value given for the latitude by Helmert's formula is insignificant. On a few occasions when a loss of trace occurred, the missing hourly values were derived from the Dines Float Barograph.* There were 27 hours in the year for which this was necessary.

Temperature and Humidity.—The thermograph is mounted in the West Room on the first floor of the Observatory, the thermometer bulbs being exposed in the screen attached to the north wall of the building. This screen has single louvres and the bottom is open. There is an additional flat louvred screen which shields the main screen from direct sunshine when the sun is in the West and not too low. The height of the bottom of the bulbs of the recording thermometers above the bottom of the sides of the screen containing them is 30 cm. in summer, 33 cm. in winter. The height of the bulbs above the top of the artificial mound on which the Observatory stands is approximately 3 metres ; the height above the lawn where the raingauge is situated is approximately 5 metres. The scale values of the photographic records are not identical for the dry and wet-bulb curves. For the dry-bulb, tube No. 4 was in use from the beginning of the year until May 22nd, and the scale value was 1 mm. =0·2715a. From May 22nd to the end of the year No. 4 II was installed and the scale value was 1 mm. =0·3336a ; for the wet-bulb the old Falmouth wet-bulb tube (no number) was in use and the scale value was 1 mm. = 0·290a.

The control thermometers, which were graduated and mounted by Messrs. Negretti & Zambra in 1915, had been made and filled many years before and were therefore well seasoned. The National Physical Laboratory certificates dated 1915 give corrections to the nearest 0·05° C., the largest being 0·10°. The thermometers are tested each January in ice. According to tests made in January, 1924, there was no indication of any change of zero.

Control eye-readings of the standard thermometers are taken daily at 9h., 15h. and 21h. Residual corrections obtained from the control observations are applied to the hourly measurements of the curves. The same correction is applied to all the readings on the same photographic sheet, i.e. generally for forty-eight hours. The individual entries published for the hours of the control observations may differ by 0·3a from these observations. The larger departures refer to occasions when temperature is oscillating or changing rapidly.

When failure of the dry-bulb trace occurs recourse is had to the trace from the Callendar platinum-thermometer recorder, the thermometer of which is in the North-wall screen and adjacent to the mercury thermometers. Forty-two hours had to be thus dealt with during the year. When the wet-bulb trace is missing or defective, the

*For a description of this instrument see *Observatories' Year Book*, 1923, p. 94.

missing values are derived from the dry-bulb trace and the records of a hair hygrograph. The same procedure is always adopted when the wet-bulb reading is below 273a. 198 hours had thus to be dealt with during the year. Humidity is determined from the dry and wet bulb readings by the table, based on Glaisher's factors, published in the *Computer's Handbook*.

It may be noted that during 1924, as in previous years, the temperatures published for Kew Observatory in the Daily Weather Report and elsewhere also refer to the North-wall screen. For the daily and weekly reports the readings of maximum and minimum thermometers exposed in that screen are utilised.

Rainfall.—As from January, 1921, the standard raingauge for the Observatory has been an 8-inch gauge with the deep " Snowdon " funnel. The site is level and protected from wind, principally by hedges about 1½m. high and distant 11 metres to East and 17 metres to West. The readings of this standard gauge are at 7h and 18h. The hourly readings of the Beckley gauge are adjusted to give totals in agreement with the standard gauge.

Sunshine.—The sunshine recorder is mounted on the south parapet of the roof. The same frame has been in use since 1880 and it is believed that the ball has not been changed. The ball is now somewhat yellow.

Solar Radiation.—Observations are made with an Ångström pyrheliometer, which measures the intensity of the direct radiation received from the sun by a surface which is normal to the sun's rays. The observations are made within half an hour of noon on all days except Sundays, provided that the sun is visible and not too much obscured by cloud, fog or thick haze. The conditions of the intervening atmosphere are indicated in Tables 440-451 in the column " sky." The amount of radiation is given in milliwatts per square centimetre in the column headed " total." For conversion to the unit more ordinarily employed abroad, the following relation may be used, 1mw. per sq. cm. = 0·01435 gramme-calorie per sq. cm. per minute. The vertical component, i.e. the direct radiation received per square centimetre of a horizontal surface, is also given.

The Ångström instruments in use are by Rose, Stockholm. No. 100 was in use in January and February and from July 15th to the end of the year. Both No. 100 and the older instrument No. 24 were sent to the maker in March for renewal of the black strips. The ammeter is No. 68956, which was certified at the National Physical Laboratory in 1919. The readings are evaluated according to Ångström's original instructions. To bring the readings into accordance with the scale adopted by the Smithsonian Institution, a correction of +3·5 per cent. is required.* During the period when the Ångström instruments were not available readings were made with the Abbot silver disc pyrheliometer No. 28. These readings have been adjusted to the Ångström scale.

Wind Speed and Direction.—The Robinson cup anemograph from which the results are mainly derived is exposed on the roof of the Observatory. This instrument has 9 inch cups ; the radius of the circle described by their centres is 24 inches. The horizontal arms are 17·8 mm. wide ; their vertical thickness is 4·6 mm. in the middle and 2·5 mm. at the edges. The oblique stays are rectangular in section, the dimensions being 6·3 mm. (facing the wind) and 3·8 mm. (facing upwards). The height of the cups above the lawn is 20 m. There are trees in the neighbourhood reaching greater heights. Those along the river to the West of the Observatory and about 280 m. away average 25 m.

Wind direction is taken from the Beckley vane. Direction is not tabulated when the speed of the wind averages less than 1·6 metres per second. Data missing owing to imperfections of the trace or other causes are replaced by results from the Dines tube anemograph, the head of which is approximately at the same height as the Robinson anemograph cups. The head of the present Dines instrument, set up at the beginning of the year 1923, is of the Mark II pattern. In the vertical tube

* R. E. Watson. *Geophysical Memoir*, No. 21, 1923.

there are 80 holes in 4 rows of 20. The diameter of each hole is 3 mm. The connecting tubes, 17 metres long, have the internal diameter 12 mm.

Earth Temperature.—The two thermometers in use were at 30 cm. and 122 cm. The ground in which the tubes for the thermometers are sunk is under grass. The soil is gravel. The site is well exposed. There are, however, three fruit trees about 9 metres to the east and 6 metres high. The bulb of the lower thermometer is 430 cm. above sea level. As will be seen from Table 468, the surface of the underground water surpassed this level towards the end of the year when the park was flooded.

Minimum Temperature on the Grass.—The grass minimum thermometer is set at 18h and read at 9h on the succeeding day, the reading being assigned to the day of reading.

This thermometer has a spherical bulb, diameter 17 mm. The thermometer is placed with the bulb about 25 mm. above the turf. The exposure is good, there being no obstruction within 76° from the zenith.

IDENTIFICATION NUMBERS OF INSTRUMENTS IN USE IN 1924.

Control Barometer	Newman 34
Control Dry Bulb Thermometer	Negretti & Zambra 173971
Control Wet Bulb Thermometer	Negretti & Zambra 173969
Control Raingauge (8-inch)	M.O. 1271
Measuring Glass for the Control Raingauge	M.O. 1409 & 1425
Campbell-Stokes Sunshine Recorder	M.O. 12
Dines Tube Anemograph Head	M.O. 1017
Dines Tube Anemograph Recorder	M.O. 1017
Earth Thermometer 1 ft.	M.O. 5
Earth Thermometer 4 ft.	M.O. 10
Grass Minimum Thermometer	M.O. 23001 & 23005
Photo-thermograph	No number
Photo-barograph	,,
Robinson Cup Anemograph	,,

Notes on the Meteorological Tables.

The weather of 1924.—The year was notable for the dull, wet and cool summer. In every month from April to December the rainfall exceeded the normal. In the gale of October one of the three elms which grew close to the Observatory on the south-east was blown down. At the end of December a large part of the Old Deer Park was flooded and water rose in the Observatory cellars to a higher level than on any occasion since the basement was reconstructed in 1913.

Pressure.—During the year pressure at station level ranged between 981·4 mb and 1037·2 mb. These values occurred on February 9th and January 26th respectively. The extreme values of the mean pressure for the calendar day were 984·8 mb on February 10th and 1033·5 mb. on November 19th. The low pressures of February 9th and 10th were general over a very large area, sea level readings as low as 975 mb occurring in the south of Ireland. The high pressure on January 26th was on the north side of a ridge of higher pressure over northern France and on the flank of a broad current of air flowing across the British Isles from SW to NE. On the other hand the high pressure on November 19th occurred in the muggy weather of a persistent anticyclone.

Pressure (Diurnal Variation).—In accordance with the precedent of the last two years the first four harmonic components have been computed for each month. The results are tabulated in Table A.

The inequality is supposed to be given by the expression

$$c_1 \sin (15\,t^\circ + \alpha_1) + c_2 \sin (30\,t^\circ + \alpha_2) + \ldots\ldots$$

t being the time in hours since midnight. The angles α are the phases of the several sine-waves at midnight. The curves are tabulated according to Greenwich mean time but the phases in Table A have been reduced to local mean time. The difference

in Longitude between Kew and Greenwich being only 19′ the correction is hardly appreciable in the figures which are rounded to the nearest degree.

As is well known for a single month the first harmonic component departs erratically from the normal value* computed from averages covering many years. The passage of a depression across the country is recorded in the pressure tabulations as a rise and fall of perhaps 30 millibars and affects the average hourly values for the month to the extent of a millibar. The normal values of the amplitude of the first component are comparatively large in summer, about ·3 millibar, and very small in winter. The highest value found in 1924, ·561 millibar in April, is just double the normal for the month. The next one, February, ·413 millibar, is very large compared with the normal ·059 millibar. For the summer months the phases of the first component are fairly consistent; Kew being an inland station pressure tends to be high in the early morning about sunrise and lowest in the early afternoon. The phases for the winter half year are promiscuous. On the other hand, the amplitudes and phases of the higher components are all comparatively close to their normal values. Thus the maximum amplitude of the second component occurs as it should in April. The amplitude is ·426 mb as compared with a normal ·407 mb; the phase is 144° as compared with 151°. The maximum of the third component is in January, ·184 mb, the normal being ·166 mb, the phase is 343° instead of 347°. For the fourth component the maximum is also in January, ·093 mb, the normal for that month being ·071 mb. The phase is 221° instead of 204°, the difference being equivalent to about a quarter of an hour.

TABLE A.

Diurnal Variation of Barometric Pressure. Fourier Coefficients.
Richmond (Kew Observatory), Longitude 0° 19′ W. 1924.

Month or Season.	c_1	α_1	c_2	α_2	c_3	α_3	c_4	α_4
	mb.	°	mb.	°	mb.	°	mb.	°
January	·153	204	·287	137	·184	343	·093	221
February	·413	59	·305	151	·143	333	·046	81
March	·026	61	·409	142	·069	322	·060	42
April	·561	34	·426	145	·029	205	·024	19
May	·234	25	·272	142	·070	150	·023	320
June	·283	13	·304	139	·076	149	·019	91
July	·504	358	·261	128	·083	159	·011	176
August	·198	42	·282	149	·028	147	·041	320
September	·205	220	·363	151	·010	12	·053	333
October	·316	269	·263	158	·090	344	·034	27
November	·102	306	·366	159	·134	17	·005	260
December	·214	138	·348	159	·176	2	·067	189
Arithmetic Mean	·267	...	·324	...	·091	...	·040	...
Year	·127	20	·320	147	·042	356	·004	346
Winter	·088	94	·320	152	·153	353	·033	193
Equinox	·082	341	·364	148	·037	328	·037	15
Summer	·291	14	·278	140	·064	152	·011	331

Note.—*Winter* comprises the four months, January, February, November, December.
Equinox the months March, April, September, October, and *Summer* May to August.

Temperature.—There were no prolonged spells of very hot or very cold weather during the year. The latter half of the summer was decidedly cool and, on the other hand, December was exceptionally mild, temperature in the north wall screen going below the freezing point on only two nights.

The lowest temperature recorded in this screen was 268·5a (23·9° F.). This occurred about sunrise on February 15th after a clear night with little wind. Easterly winds had been bringing cold air from the continent for some days previously. The

* The normals quoted refer to the period 1871–1915.

lowest average temperature for a calendar day was 271·5a (29·3° F.). This is credited to January 9th, which was the only day of the year on which temperature did not rise above the freezing point. The maximum during the daylight hours was 272·6a; the entry in Table is 272·8a and refers to the first midnight of the calendar day. The sky was overcast continually and the wind, strong and squally, was from the east.

The hottest day of the year was July 12th, the average for the 24 hours being 296·7a (74·7° F). At sunrise the temperature was 289·1a (61·0° F.) (the highest minimum of the year) and the maximum, reached about 15h, was 302·9a (85·8° F.). On the day in question there was a deep current of warm air from the south. At South Farnborough at 5·30 in the morning 66° F. was reported at 1,100 ft. and 46° F. at 9,270 ft. The only other day on which the maximum reading at Kew Observatory exceeded 300a was the preceding one, July 11th.

Temperature (*Diurnal Variation*).—The Table of diurnal inequalities of temperature exhibits the normal characteristics, the minimum for the day occurring at sunrise, the maximum in the late afternoon. The case of January is somewhat anomalous, the minimum being as early as 3 h. This is to be attributed to the setting in of warmer winds during the later part of the night on two or three occasions. Harmonic analysis shows the first component as the dominant one in all months of the year; the second component is very small in the summer months when the interval between the daily maxima and minima approximates to 12 hours. In the year under review the most striking departure from the normal was in the case of March. This was a very sunny month and the daily range of temperature was high. The mean difference between the temperatures at 7 h and 15 h was 6·67a as compared with the normal 5·09a. The amplitude of the first harmonic component was 3·06a or 24 per cent. above normal, that of the second, 0·95a, was 53 per cent. above normal and nearly double that for any other month. On the other hand, the lack of sunshine in August and September was responsible for considerable reductions in the amplitudes of the leading components.

TABLE B.

Diurnal Variation of Temperature. Fourier Coefficients.

Richmond (Kew Observatory), Longitude 0° 19′ W.

Month or Season.	c_1	α_1	c_2	α_2	c_3	α_3	c_4	α_4
	a.	°	a.	°	a.	°	a.	°
January	1·057	224	·356	34	·226	197	·023	351
February	1·321	213	·483	39	·092	227	·096	169
March	3·063	221	·953	29	·028	83	·081	176
April	3·081	224	·428	27	·308	34	·100	250
May	3·507	230	·280	53	·329	35	·067	30
June	3·600	221	·104	337	·217	12	·079	352
July	3·877	224	·073	259	·352	10	·124	38
August	2·983	231	·420	65	·220	39	·037	303
September	2·105	235	·513	35	·087	64	·146	219
October	1·854	220	·534	56	·077	265	·121	232
November	1·075	224	·514	46	·111	251	·064	77
December	0·770	231	·460	47	·158	226	·041	100
Arithmetic Mean	2·358	...	·427	...	·188	...	·082	...
Year	2·349	225	·403	40	·076	18	·010	215
Winter	1·048	222	·451	42	·138	221	·034	119
Equinox	2·513	225	·596	36	·088	34	·102	222
Summer	3·484	226	·163	49	·272	24	·066	15

NOTE.—*Winter* comprises the four months January, February, November, December. *Equinox* the months March, April, September, October, and *Summer* May to August.

Humidity.—The humidity tables illustrate the contrast between the dry conditions which prevailed from February to July and the wet ones in the rest of the year.

The diurnal variation of relative humidity has always the same general characteristics, but it is of some interest to notice that the monthly means of hourly values do not run "smoothly." It has been found that this is mostly due to the irregularity of occurrence of rain; a shower causes a sudden rise in humidity and the effect is not averaged out in a single month. There is an appreciable irregularity in the means of relative humidity for the year, the 14h value looking somewhat high.

The diurnal variation of vapour pressure at Kew is in all months of the simple type with the minimum at sunrise, and very slight changes after the dew has disappeared in the morning. An examination of the observations for the thirteen days in July 1924 on which no rain fell, showed that there was no such drop in vapour pressure as occurs in the middle of the day in desert climates. On the average of these thirteen days the vapor pressure was practically stationary at 13·5 millibars from 8h to midnight; the value at sunrise was 12·6 millibars.

Rainfall.—The year was a wet one, the total rainfall 786 mm. being 180 mm. above the normal (which is computed for the period 1881-1915). There was however no single month with excessive rain, the highest total, that of July, being only 95 mm. The heaviest fall credited to a single day was 27 mm., which occurred in a thunderstorm on July 17th. In reckoning the duration of rainfall it is the rule to ignore the time in which the rate of fall is less than 0·1 mm. per hour. By this criterion the day with the longest duration was November 12th with 15·6 hours. There were three other days with more than 12 hours. With regard to Tables 428-439 it should be mentioned that in cases of slight precipitation spread out over several hours, amounts of ·1 mm. have been credited to certain hours at equal intervals whilst the appropriate symbol for dew, hoarfrost, or wet fog is shown for the other hours.*

Snow or sleet fell on twenty days in the year, all with one exception being in the first four months. "Snow lying" at 7h was registered on six occasions, but the depth was never considerable. Snow which fell on the night of January 8th accumulated to about 4 cm. and persisted for two days. No deeper deposit was recorded during the year.

Sunshine.—The average daily duration of bright sunshine (as recorded by the Campbell-Stokes instrument) was 3·80 hours or 0·25 hours below the normal. There were large deficits in several months, notably in August. The longest duration, 14·7 hours, occurred on June 26th, the percentage of the time the sun was above the horizon being 89 on that day and also on July 14th. There were 75 sunless days in the year (including 15 in January and 15 in December) and 40 days with more than 9 hours (including 12 in July).

Solar Radiation.—The most powerful sunshine measured was on September 22nd, 93·1 milliwatts per square centimetre. Only two higher measurements, 98·9 mw/cm^2 on March 27th, 1923 and 94 mw/cm^2 on July 10th, 1916, have been made at the Observatory. The comparatively low elevation of the sun makes the observation the more noteworthy. The "Solar constant" being 135 mw/cm^2 the proportion of sunshine passing completely through the atmosphere on this occasion was 69 per cent.

Wind.—February 13th with an average speed of 9·9 metres per second was the most windy day of the year. For December 27th the average speed was a little less, 9·7 metres per second. At the other end of the scale was one day, December 10th, credited with an average of 0·3 metres per second; this came between two days with 0·6 and 0·5 metres per second. From 23h on December 8th to 9h on December 12th there were only two hours for which the cup anemograph indicated a wind exceeding 1 metre per second.

The average winds for the individual months of 1924 were remarkably uniform, all being between 3 and 4 metres per second.

* For explanation *See* General Introduction, p. 14.

The hourly means for the whole year will be found at the foot of the December Table (instead of being reproduced, as in the 1922 and 1923 year books in the text). The lowest and highest hourly means, 2·7 m/s at 2h and 4·7 m/s at 13h, are both rather higher than the normal values, computed for 1881-1915, 2·58 m/s and 4·52 m/s.

A new Dines anemograph was brought into use at the end of February, 1923. This instrument is provided with a larger vane than its predecessor and it has a twin lever direction recorder. The agreement between the Dines records and those of the Robinson anemograph was not so satisfactory as hitherto. A reason for this discrepancy, a defective joint in one of the connecting tubes, was found and remedied in May, 1924. To allow for this the estimates of wind speed given by the Dines instrument during the first part of the year have now been increased by 10 per cent. The " highest gust " of Table 465 refers to the amended figures. The other columns of the table are, for the first five months, derived from the Robinson records. It is to be noted that the corresponding tables in the Weekly and Monthly Weather Reports, 1924, require similar amendment.

The highest gust for the year occurred on November 27th, but it is of special local interest to note that the one recorded on October 30th (28 metres per second) brought down one of three elms* which had been picturesque neighbours of the observatory throughout its history.

Earth Temperatures.—With regard to the table of earth temperatures it may be noted that at the end of the year the tubes containing the thermometers must have been reached by the underground water. The level of the underground water (Table 468) was above the bottom of the 122 cm. tube for four days. No exceptional fluctuation of underground temperature was observed however.

The annual means of the readings at the two depths were (30 cm.) 283·1a and (122 cm.) 283·3a. These means refer to 9h, a time at which the temperature at 30 cm is below the mean for the day. In fact it is known from thermograph records† that the correction required to get the mean for the day at this depth is on the average + 0·2a. With this correction applied the agreement between the annual means at 30 cm. and 122 cm. is exact.

Grass Minimum Temperatures.—The mean of the monthly means of " grass minimum " temperature for the year 1924 was 276·8a. There were few low readings in January, but temperatures below the freezing point were recorded every morning from February 23rd to March 22nd. On the other hand, in the early autumn the nights were exceptionally mild and there was not a ground frost until October 23rd.

Level of Underground Water.—In Table 468 there is given for each day the mean height above sea level of the surface of the underground water. The level actually measured is the surface of water in a pipe which passes through the floor of the basement into the ground. The water level depends mainly on the state of the river Thames. The Observatory is close to Richmond lock, which is half-tidal, and the underground water is in summer a little below the level of low water above the lock (220 cm. above M.S.L.). The effects of the spring and neap tides are conspicuous in the fluctuations of level in summer. In the year 1924 the usual fall was interrupted in May, the rainfall of that month being exceptional in the south of England. The level continued to rise until the middle of June.

The record was interrupted on December 28th by a very sudden large rise in the water level. This was due to the flooding of the park by water which overflowed the embankment along the Thames. The water in the park subsided gradually, and it appears that the overflow did not recur although persistent rain was increasing the floods in the higher reaches of the river.‡

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* The other two were felled subsequently.

† A thermograph with two bulbs was installed in 1923, the depth of one bulb being 10 cm., that of the other 30 cm.

‡ *Meteorological Magazine*, February, 1925.

Diary of Cloud and Weather.—As explained in the footnotes, observations are lacking at 15h on Sundays and a few other days. The last line in each monthly table gives the mean amount of cloud for each of the six hours of observation. The following mean data are derived from these :—

Mean Amount of Cloud from Six Observation Hours.

Month	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Cloud ...	7·4	7·9	5·5	7·1	7·1	6·9	5·9	7·5	7·5	7·6	7·5	7·0	7·1

Mean Amount of Cloud for the Year at the Six Observation Hours.

Hour ...	7h	9h	13h	15h	18h	21h
Cloud ..	7·1	7·3	7·3	7·5	7·0	6·3

The persistent cloudiness of the last five months of the year will be noticed. With regard to the low average for March the complete absence of ordinary cloud from the evening of the 9th to the afternoon of the 14th is noteworthy (two entries of cloud amount, 10 on the morning of the 11th refer to fog).

The use of the symbols ≡ and ∞ in the weather columns of Tables 469-480 is governed as far as daylight observations are concerned by the following conventions, which are in accordance with the general practice adopted by the Meteorological Office.* If the Orange Tree Inn, 1,000 metres S.E. of the Observatory cannot be seen, there is fog ≡. If trees 200 metres away cannot be seen, there is thick fog ≡³. If the Orange Tree Inn can be seen the chimneys§ of the brewery at Mortlake, 4 km. away, if visible at all is not very clear, there is either mist ≡° or haze ∞, the distinction being made according to the relative humidity at the Observatory. On occasions when the humidity is 80 per cent. or above, the obscurity is attributed to mist ; when the humidity is below that limit, to haze.

The symbols are used at night to indicate as nearly as may be the same degrees of atmospheric obscurity.

Atmospheric Electricity.

The systematic observations in atmospheric electricity are devoted to potential gradient, air-earth current and ionization. In the case of potential gradient there is continuous autographic registration ; the other elements are observed each afternoon when conditions are favourable.

Potential Gradient.—The Kelvin water-dropper electrograph has been housed since 1915 in a low building known as the Clinical House. The pipe carrying the jet projects through a hole in a window and is adjusted so that the point where the jet breaks into spray is 1·50 m.† from the window and 1·73 m. above the pool into which the water falls.‡ The electrogram is a record of the difference of potential between the ground and the point where the jet breaks. The aim is, however, to obtain the potential gradient in the open. For this purpose observations are made at a site in the Observatory garden. The apparatus for these " absolute " observations consists essentially of a long insulated rod carrying at the end a lighted fuse, which is connected to an electrostatic voltmeter. Readings are taken with the fuse at one metre and at two metres above the ground, the grass on which is kept short. The observations

* The convention as to mist and haze was altered in April, 1925.

§ The Introduction 1923, p. 265, should be corrected in this sense.

† This measurement was made in July, 1926. It is believed that there has been no appreciable change since 1915.

‡ This height is regulated and has been kept the same.

are taken about noon on all convenient dry days. From the observations the ratio of the potential gradient in the garden to the potential recorded by the electrograph is computed. Such a ratio is given for each month in Table 482.

In the spring of 1924 there was a change in the surroundings of the site on the lawn where observations are taken ; previously there had been fruit bushes and vegetables on either side of the grass plot. The ground was dug up in the spring and grass was sown in May, 1924. There is no indication in the run of the exposure factors that this had any effect.

There was, however, a notable change in the ratio between August and October, 1924. This change persisted, the average value of the ratio, which had been 2·15 in 1923, rose to 2·77 in 1925. It was shown eventually that the change could be accounted for by the erection in September, 1924, of an aerial for the reception of time-signals by wireless telegraphy. This affected the exposure of the electrograph but not that of the apparatus for absolute observations. There is therefore no reason to suspect the computed potential gradient values.

During the year* two electrostatic voltmeters, No. 1684 and No. 1685, were used for the absolute observations. One of them, No. 1684 (low range), was under repair between March and August, 1924. The voltmeters and also the electrograph are calibrated at frequent intervals by means of a Cambridge and Paul potentiometer.

The data appearing in Table 481 include the electrical character figure assigned to each day from the consideration of the electrograms. Of the character figures, 0 denotes the absence of negative potential, 1 implies the existence of negative potential at one or more times during the day but with a total duration of less than 3 hours, while 2 implies the existence of negative potential with a total duration exceeding 3 hours. As a negative potential gradient hardly ever occurs except when rain is in the neighbourhood, character 0 occurs on dry days and character 2 on days with continuous rainfall. The mean character figure for 1924 was 0·63 and therefore appreciably above the average for the previous 13 years, 0·605.

Table 482 gives daily data derived from measurements of the electrograms. They represent means for 60-minute intervals centered at the exact hours 3h, 9h, 15h, and 21h G.M.T. Blanks indicate that the trace was in some way defective. On some occasions the curve, though existent, is so oscillatory that no satisfactory estimate is possible of the mean value of the ordinate. Such occasions are indicated by the letter *z*. If there is no doubt as to the sign of the hourly mean value, though a numerical measure is unobtainable, the sign is indicated by a + or a — attached to the *z*. The symbol $z \pm$ indicates that there were oscillations on both sides of the zero line, and that the sign of the mean value was uncertain.

The extreme hourly mean values in Table 482 are + 1405 v/m at 3h on November 18th and − 1055 v/m at 3h on April 12th. The former value is representative of foggy conditions ; on this particular occasion the fog developed rapidly after midnight and decreased from 4h onwards. There was more persistent fog and a steadier high potential gradient on December 11th. The extreme negative potential gradient of April 12th may be regarded as adventitious ; the rainfall with which it was associated began at about 1h 30m and during the first hour there were violent oscillations of potential. For the hour 2h 30m−3h 30m the gradient was persistently negative, but not beyond the limit of registration ; this is the hour to which the estimate −1055 v/m refers.

Of the two sets of mean monthly values at 3h, 9h, 15h and 21h given in Table 482 at the foot of each month's data, the first set (*a*) represents the arithmetic means of all the positive potentials in the column, the second set (*b*) represents the algebraic mean derived from all days on which all four hours were represented. The last line gives the mean value for each month as derived from the (*a*) and the (*b*) values respectively.

For reasons explained in the 1922 Year Book, it is believed that the values (*a*) may be expected to give approximately the true monthly mean from all days

* As from January 1st, 1923, the electrostatic voltmeters took the place of the Kelvin portable electrometer, No. 81, previously used for this purpose.

when negative potentials are excluded, while the values (*b*) may be expected to give approximately the true monthly mean when negative potentials are included. But a reservation is necessary in both cases, for the highly oscillatory occasions such as are met with during thunderstorms have been omitted, and this omission may have a sensible effect.

If the monthly means in Tables 482 and 483 be compared, it will be found that the quiet day mean is the highest in nine months out of the twelve. In some of the nine months its excess over the mean (*a*)—which always exceeds the mean (*b*)—is considerable. For the year as a whole, allowing equal weight to the 12 months, the quiet day mean, the mean (*a*), and the mean (*b*) are respectively 329 v/m, 300 v/m, and 285 v/m. In each case there is a slight increase as compared with the values for 1923 which were 318 v/m, 296 v/m and 276 v/m.

As to comparison with earlier years it is to be noted that the present method of making the " absolute " observations was initiated at the beginning of 1910. Since then there has been no considerable change in the exposure at the control station. The annual mean potential gradient for selected quiet days is available from that date onwards.*

1910	310 v/m	1915	354 v/m	1920	315 v/m
11	301 v/m	16	367 v/m	21	281 v/m
12	300 v/m	17	354 v/m	22	318 v/m
13	335 v/m	18	346 v/m	23	318 v/m
14	345 v/m	19	331 v/m	24	329 v/m

The average for the 15 years is 327 volts per metre.

The low minimum of 1921 was probably to be attributed in part to the exceptional atmospheric conditions prevailing during the coal strike of that year. Apart from this abnormality a smooth change of potential gradient is to be noticed. In fact, the figures have been quoted† by Dr. Bauer as evidence for a connection between atmospheric electricity and solar activity.

The diurnal inequalities and the mean monthly and annual values in Table 483 are based on the curves of quiet days selected from those entirely free from negative potential. Other objects aimed at in the selection of the days are freedom from large irregular movements, absence of indications of inferior insulation in the electrograph, and the avoidance, so far as possible, of large non-cyclic changes. The quiet days numbered 10 in each month ; but to complete that number in July, August and September it was necessary to include several 24-hour periods which did not commence at midnight.

Except in these cases the non-cyclic change is given explicitly in Table 483, so that anyone who may desire to reproduce the figures as they were before the non-cyclic correction was applied can easily do so.

All the inequalities show a well marked double oscillation with minima in the early morning and early afternoon, maxima in the late morning as well as in the evening. The diurnal inequality for the whole year shows the higher maximum at 20h, the lower minimum at 4h. This is not the case in every year. The hours of the extremes and the range of the inequality is given for each year from 1910 in the following list.

Year.	Max. hr.	Min. hr.	Range v/m	Year	Max. hr.	Min. hr.	Range v/m	Year.	Max. hr.	Min. hr.	Range v/m
1910	20	4	138	1915	19	5	173	1920	9	3	122
1911	9	4	154	1916	20	4	151	1921	20	3, 4	132
1912	9	4	149	1917	20	4	154	1922	20	4	144
1913	19	3, 4	160	1918	20	2	139	1923	9	4	160
1914	20	3	169	1919	8	4	124	1924	20	4	133

* Estimates for the years 1898–1909 are given by Chree, *Phil. Trans.* A (1915) p. 141. The change of site of the electrograph in 1915 is discussed in *Hourly Values*, 1916.

† Washington, Carnegie Institution. Researches of the Dept. of Terr. Mag., Vol. V., pp. 361–384.

It will be seen that the range has been considerably lower in most recent years than it was in the years 1911 to 1917.

If the inequalities for the year and the seasons are compared with the corresponding inequalities for atmospheric pollution given in Table 485, a remarkably close similarity will be noticed in the hours of occurrence of the principal maxima and minima. The main outstanding difference occurs in the equinoctial months, when the prominent principal maximum of pollution is in the forenoon whereas that of the potential gradient is in the evening.

. *Air-earth Current.*—To determine the current flowing from air to earth, the conductivity of the atmosphere at one metre above the ground is measured by means of the Wilson universal electrometer.* For calculating the conductivity at 15h, four observations, each giving the leakage from a charged plate in 5 minutes, are averaged. The product of the conductivity so determined and the potential gradient at 15h (as given in Table 482) is taken as the measure of the air-earth current. The conductivity is not observed during rain nor when the potential gradient is negative. Data are available for about half the days of the year 1924.

The conditions under which the air-earth current is measured are maintained as uniform as possible, but they differ from the conditions under which the vertical current passes from the air to the earth in the absence of the apparatus. The presumption is that the results obtained would require to be multiplied by a factor to represent the true air-earth current. The monthly mean of the observed values of the current varied from 0·51 in January to 1·12 in December in terms of the unit 1×10^{-16} ampere per square centimetre. Allowing equal weight to each month we find that the mean for the year in terms of the above unit is 0·80. The mean derived directly from the 191 observations is 0·79. There is very little difference from the corresponding values for other years.

There is some doubt as to the comparability of observations made with the Wilson apparatus and other estimates of the air-earth current. Determinations based on separate measurements of the conductivity for positive and negative electricity have yielded on the continent averages about 2×10^{-16} amperes per square centimetre.

Ionic Charges.—Table 481 also gives the volume-charges carried by such positive and negative ions (including all of the more mobile type) as are caught by the Ebert apparatus.† The observations extend over some 20 minutes near 15h, being simultaneous with the experiments with the Wilson electrometer.

Normally, two Ebert instruments are in use, one charged positively, the other negatively, the signs alternating from day to day.

During the first seven months of the year both instruments were used, though the action of one was not entirely satisfactory.‡ From August, when this instrument was sent to the makers for new "fibres" to be fitted, observations of the positive and negative ionization were not made on the same day.

As is usual at Kew the highest values of the ionization occurred during the summer half of the year. Positive ionization exceeding 1×10^{-16} coulomb per c.c. occurred on days in April, July and September. The negative ionization exceeded the same limit on September 8th. In foggy weather the number of small ions is

* *Proceedings of the Cambridge Philosophical Society*, Vol. 13, p. 184 (1906).

† *Physikalische Zeitschrift*, Vol. 8, No. 8, p. 246 (1907).

‡ Similar difficulties, due to the deterioration of the conducting coatings on the quartz fibres of the Wulf electrometer, are discussed in the *Geophysical Journal*, 1919, Annual Supplement, p. 111.

very small and uncertain. The lowest ionization tabulated is that for December 4th, ·04 × 10^{-16} coulomb per c.c. The averages for the year were + ·45 and − ·34 × 10^{-16} coulomb per c.c., both being rather low as compared with previous years. According to Millikan's experiments* the ionic charge is 15·9 × 10^{-20} coulomb, so that these averages correspond respectively with 280 positive and 210 negative ions per c.c. These averages are much lower than those obtained by observers in other countries. According to Bauer and Swann § the means for the principal observations reported at land stations before 1917 were 737 positive and 668 negative ions per c.c. The proportion of positive ions is higher at Kew than elsewhere.

ATMOSPHERIC POLLUTION.

At the beginning of the year the Owens atmospheric pollution recorder or air filter No. 1†, which had been in continuous operation since 1921, was in need of a thorough overhaul. On January 30th it was replaced temporarily by the loan from Dr. Owens of a similar instrument (by Griffin), which was in use until October 10th, when No. 1 was returned to the Observatory. The instrument is normally situated in the Clinical House, and the air it samples is about 1½m. above that of the adjacent ground. From August 1st to September 18th it was housed in the "clock room," the air being drawn into the instrument from a point outside at the same level as at the original site. The weight of the pollution is not obtained directly, but is deduced from shade numbers 0, 1, 2, etc., assigned to the deposit left on filter paper through which a measured volume of air has been drawn. Shade number 1 answers to 0·32 milligrams per cubic metre, according to Mr. J. G. Clark's determinations.‡

Table 484 gives mean hourly values derived from all the days of the month for which complete records were obtained. There were 292 such days in the year. The highest and lowest of these hourly values are in heavy type.

Table 485 gives diurnal inequalities derived from the data in Table 484 after the application of non-cyclic corrections. The principal reason for computing the diurnal inequalities was to facilitate comparison with the corresponding diurnal variations in barometric pressure and the potential gradient of atmospheric electricity.

Record was entirely lacking for two days and for the greater part of a good many other days, owing to defective behaviour of the apparatus. Of the days of complete record December 10th was the dirtiest, the mean amount of pollution from the hourly values being 1·2 milligrams per cubic metre. The day was foggy throughout, except for a few hours round about noon, and the maximum value was 1·9 milligrams per cubic metre at 23h. This value was exceeded at 10h. on March 11th when 2·2 milligrams per cubic metre were registered.

The winter months of 1924 were dirtier than those of 1923 but the summer months were cleaner.

The mean value computed for the year 1924 was ·323 milligrams per cubic metre, as compared with ·305 in 1923, ·394 in 1922 and ·307 in 1921. In any discussion of these mean values it should be borne in mind that at Kew Observatory the great majority of estimates are shade 0 or shade 1. To discriminate between these two shades is difficult and the decision depends on the "personal equation" of the observer. Some change in standard from year to year is inevitable. The nature of the diurnal variation is most easily recognised in Table 485. There is always a well defined

* Phil. Mag. (6) 34 (1917) 3.

§ Washington, Carnegie Institution. *Researches Dept. of Terr. Mag.*, Vol. III (1917) p. 411.

† A description of the instrument is given in the *Report of the Advisory Committee for Atmospheric Pollution*. 4th Report, 1917–1918 (p. 20).

‡ London, M.O. *Report of the Advisory Committee for Atmospheric Pollution*. 3rd Report, 1916–1917 (p. 20).

minimum during the night and another in the early afternoon. The first maximum of the day usually occurs about 9h and the second one follows about 12 hours later. In 1924 the diurnal inequalities for the equinoctial and summer seasons and for eight individual months show the principal maximum in the forenoon, at 9h, 8h or 7h, the earlier occurrences being in the summer months. For the year as a whole, the winter season, and for January, February and November the principal maximum occurs at 20h in the evening. In April it is at 21h. In the summer season, and in March and August, the principal minimum is at midnight, and in June and July it is in the early afternoon. In the other eight months, in the seasons and in the year as a whole, it occurs in the early hours of the morning, before 5h.

TERRESTRIAL MAGNETISM.

Absolute observations of declination (D), inclination (I), and horizontal force (H) have been taken usually once a week. The instruments employed have been the Jones unifilar magnetometer with declination magnet K.O.90, collimator magnet K.C.1 and mirror magnet A.N, and the Barrow dip circle No. 33, with $3\frac{1}{2}$-inch needles. In the absolute observations of horizontal force, deflections were made at three distances, 22·5, 30 and 40 cm., and values were calculated for the distribution constants P and Q from all the observations of the year. The values obtained of late years have been as follows :—

Year.	P.	Q.	Mean Value at 22·5, 30 and 40 cm. of $\log_{10}(1+Pr^{-2}+Qr^{-4})$.
1919	+1·496	−1525	$\bar{1}$·99958
1920	+0·971	−1280	$\bar{1}$·99950
1921	+0·272	−1054	$\bar{1}$·99930
1922	+1·809	−1642	$\bar{1}$·99966
1923	+2·240	−1787	$\bar{1}$·99977
1924	+2·084	−1682	$\bar{1}$·99977

Values for earlier years will be found in the report for the year 1920.* It will be seen that numerical increases in P and Q tend to neutralise one another, so that the effect on the value of H (horizontal force) of the fluctuations from year to year in the values of P and Q is less serious than might appear at first sight. Following the example of 1923 it was decided to employ mean values for P and Q, derived from the years 1917 to 1924. The reason for commencing with 1917 was the fact that an accident calculated to influence the values of P and Q occurred in 1916. The fact that the discontinuance of the practice of applying a provisional correction based on the previous year's results should have been immediately followed by the incidence of equal corrections from two successive years 1923 and 1924—an event which had never occurred before—seems almost an example of perversity in Nature.

The Adie magnetographs were in regular operation up to the end of the year.† The scale value of the declination magnetograph remained as in previous years 1 mm. = 0·87′.

Scale value determinations of the H magnetograph taken in January and December gave 6·4γ as the force equivalent of 1 mm., and this value was accordingly in use throughout the whole year. Scale value determinations of the vertical force magnetograph were also taken in January, October and December, the values obtained for the force equivalent of 1 mm. being respectively 10·7γ, 10·3γ and 11·4γ. The method of determining the scale values was that due to Broun, an auxiliary magnet being used to deflect the D and H magnets at the same distances and under like conditions, and similarly with the D and V magnets. The D, H and V magnets are alike in size and shape, and the deflection distances relatively large, viz., 85 cm. for H and D, and 75 cm. for V and D. The disturbance of the magnetic curves by

* *Hourly Values from Autographic Records*, 1920, p. 54.

† The magnetographs were subsequently dismantled and despatched to Eskdalemuir on October 15th, 1925.

artificial electric currents has been much as in the previous year. The publication of diurnal inequalities of D and H has thus been continued. As in previous years, a temperature correction of 3·1γ per 1° C. was applied to the readings of the H curves.

Particulars of the magnetic character of individual days on the international scale "0" (quiet), "1" (moderately disturbed) and "2" (highly disturbed), as contributed quarterly to Prof. van Everdingen, at De Bilt, for utilisation in the international lists, appear in Table 490. It also gives the number of days in each month to which the several characters were assigned, and the numerical mean of the character figures treated as if ordinary arithmetical quantities. As there is a wide range in the disturbance to which any one figure is attached, and an uncertain personal element in assigning the figure, the monthly means should be regarded as giving only a general indication of the disturbance prevailing.

While this is the case, the difference between the figures for 1923 and 1924 is so substantial that we may safely conclude that the latter was the more disturbed year. The mean monthly character figure was larger in 1924 than in 1923 in nine months and smaller in only 2 months. The difference was mainly due to an increase from 23 to 33 in the number of days of character 2. Judging by the mean character figure and the number of days of character 2, April was the quietest month and September the most disturbed. But August had more days of character 0 than April, and June made a close approach to September. There were some long sequences of days of character 0, one of fourteen days from November 27 to December 10 and one of eleven days from May 29 to June 8. August itself provided two long sequences of 0's, one of ten the other of nine days. June and October each presented a sequence of three days of character 2. Of the 33 days awarded 2 in Table 490 all except two—both September days—are included in the list of international disturbed days.

The following were amongst the most disturbed days of the year:—January 29th, 30th; May 22nd, 23rd; June 10th; October 23rd, 24th; November 24th. No disturbance was of an outstanding character, but the traces on June 10th and November 24th were more oscillatory than is usual for disturbances of such comparatively moderate range.

At Kew Observatory, large disturbance in V is rare and it never occurs without large disturbance in D and H; thus it is immaterial whether the V curves are considered or not when assigning daily character figures. But on individual occasions disturbance may be much more prominent in H than in D, and conversely. In allotting daily characters in the weekly chronicle prepared for mining engineers, D only is under consideration, whereas H is equally considered when assigning characters for De Bilt. Also the object in view is different in the case of mining engineers. In their case the precise period of the day which is disturbed is of importance. Two-hour periods are dealt with, and when character 2 is assigned to a particular day, the periods during which the D curve has that character are particularised. The number of these disturbed periods at different hours of the day during 1924 was as follows:—

Hour ...	0–2h	2–4h	4–6h	6–8h	8–10h	10–12h	12–14h	14–16h	16–18h	18–20h	20–22h	22–24h
Disturbed occasions ...	9	9	2	1	1	0	0	2	5	8	11	12

This represents a total for the year of 60 occasions, i.e., 120 hours, considered highly disturbed, as compared with 90 hours in 1923. Of the 120 disturbed hours during 1924, October contributed 26 and June 24. There was no contribution from April, July or August. The twelve hours 4h to 16h contributed only 10 per cent. of the disturbed hours; this is an exceptionally low contribution from the day hours.

The data for mining engineers are issued within a few days of the end of the week, and only a single week's curves are under consideration at one time. Also H is not considered, thus the character figures issued to mining engineers are by no means identical with those sent to De Bilt. The days awarded Characters 0, 1 and 2 numbered respectively 251, 95 and 20, giving a mean character figure for the year of 0·37, as compared with 0·31 for 1923. As in the case of the De Bilt character figures, there is a marked increase in the number of 2's as compared with the previous year.

Prior to 1919 diurnal inequalities were given only for the five international quiet days, and before taking the readings the curves were smoothed by hand. A change of procedure appeared desirable when D inequalities were prepared from all ordinary days (i.e., all days except those of character 2). Accordingly, all the curves are now measured with a mean value scale, the 60-minute intervals employed centering at exact hours G.M.T.

In all the inequalities the non-cyclic change has been allowed for in the usual way, i.e., by assuming it to come in at a uniform rate throughout the day. Particulars as to the size of the non-cyclic changes are given in Table 491. In addition to the results for 1924 there are data for the previous ten years, so far as available, so as to cover a complete sunspot period. Results for D′ (the ordinary day declination) were available only from 1918. The non-cyclic changes in D′ and D (i.e., the quiet day declination) vary irregularly from month to month, but, as is usual on quiet days, the non-cyclic change in H has a positive sign throughout. The mean non-cyclic change in H for the year is considerably below the average, but is substantially in excess of that for 1923.

The diurnal inequalities of declination from ordinary days, i.e., all days except those highly disturbed, are given in Table 486. Of the 20 days omitted as highly disturbed, nine occurred in the equinoctial months, six in the summer months, and five in the winter months.

The diurnal inequalities for D and H from the international quiet days are given in Tables 487 and 488. The international quiet days in 1924 had the following dates :—

January	...	1	12	13	14	20	July	...	3	4	23	30	31
February	...	14	15	18	28	29	August	...	11	12	20	21	25
March	...	1	14	15	17	28	September	...	2	11	16	17	20
April	...	4	5	11	13	30	October	...	11	12	14	29	30
May...	...	6	7	14	18	31	November	...	5	8	17	18	30
June	...	3	6	7	8	14	December	...	5	6	16	29	30

The units employed in the inequality tables are 1′ in D and 1γ (1×10^{-5} C.G.S. unit) in H. In the case of D the minus sign means that the magnet points to the east of its mean position for the day. Inequalities are given for each month of the year, for the year as a whole, and for three seasons defined as in previous years. The maximum and minimum hourly values are in heavy type. There is, as usual, a distinct difference in character between the diurnal inequalities of D on quiet and ordinary days ; the easterly deviation near midnight is decidedly smaller in the quiet days. The difference is especially marked in the winter months. At that season the principal minimum (i.e., the easterly extreme) has a tendency to shift from the morning to the late evening hours. In Table 486 it occurs at 21h, 23h or 24h in the winter season and the four winter months ; whereas in Table 487 January is the only month in which it occurs in the late evening, the other three winter months and the winter season showing the minimum at 9h. The run of the figures in the seasonal inequalities suggests a slightly later hour of occurrence of the principal maximum on ordinary days than on quiet days. There are, however, only two months, January and February when there is an apparent difference of an hour in this direction, and in October the difference is in the opposite direction. The run of the figures also suggests a difference between the summer and winter seasons, the maximum occurring a little later in summer ; but 13h appears as the hour of maximum for all seasons in both Table 486 and Table 487.

In the case of H two winter months, January and December, show the principal minimum at 1h, but in all the other ten months and in all the seasonal inequalities it appears at 10h or 11h. January and December also differ from the other months in having the principal maximum in the forenoon at 8h or 9h, instead of in the afternoon at 18h or 19h. A double daily oscillation with maxima in the forenoon and afternoon is recognisable in most if not all months, but it is most prominent in the winter months.

Table 489 is intended to give a general picture of the chief magnetic phenomena of the year, and a survey of the phenomena for 1924 and the previous ten years, thus including an 11-year period. As we have just been discussing the diurnal inequalities, attention is first claimed by the ranges, A.D.'s, and non-cyclic changes. By A.D. (average departure) is meant the arithmetic mean of the 24 hourly departures from the mean of the day. It is a quantity which is less dependent than the range on the accident of how the times of maximum and minimum happen to lie relative to the nearest hour G.M.T. The data under D′ relate to the declination from the ordinary days, those under D to the declination from quiet days. It will be noticed that while the D range exceeds the D′ range slightly in October and the equinoctial season, and very substantially in July and September, the A.D. is invariably greater for D′ than for D, the excess being usually very substantial. The influence of disturbance in increasing the amplitude of the regular diurnal variation is more conspicuous in the A.D. than in the range.

In the case of the mean diurnal inequality for the year, 1924 shows an advance in amplitude as compared with 1923 in all the ranges and A.D's. The increase is more apparent in D than in H, and is true more especially of the summer months. In December somewhat curiously the ranges and A.D's were all less in 1924 than in 1923.

The data in the earlier columns of Table 489 are of interest chiefly in connection with the secular change. The data for D, H, N (north component) and W (west component) are derived from the hourly measurements of the curves of the international quiet days. The values of I (inclination) are derived from the absolute observations corrected to the mean of the day. The values of V and T (total force) are derived by combining the values of I and H. The mean monthly values of D from quiet days exceeded those from ordinary days on the average by 0′·09. The quiet day mean was the larger in five months and the smaller in three, the two means being identical in January, May, July and December. September was the only month in which the difference exceeded 0′·2.

Comparing the yearly means in Table 489, we see that the fall in D from 1923 to 1924 was 12′·2, as compared with 11′·5 in the previous year. It is the largest annual change recorded since magnetic observations started at Kew. The rapid rate at which the annual change has accelerated of late years is illustrated by the fact that the annual change during the five years 1919 to 1924 averaged 11′·2 as compared with an average annual change of only 9′·4 from the immediately preceding five years. H, on the other hand, seems to be very nearly stationary. It seems to be still falling, but the mean average annual fall from 1919 to 1924 was only 5γ, as compared with an average annual fall of 14γ during the previous five years. Inclination shows a fall of 0′·5 between 1923 and 1924, as compared with 0′·6 in the previous year.

Every month shows a fall in D and also a fall in W as compared with the previous month. These monthly falls vary only between 0′·6 and 1′·4 in the case of D, and between 3γ and 7γ in the case of W. The smoothness of the apparent changes is presumably a tribute not so much to the uniformity of Nature, as to the satisfactory working of the D magnetograph and the truly representative character of the international quiet days.

The annual fall in W from 1919 to 1924 averaged 59γ, as compared with an average fall of 52γ during the previous five years. In the case of N, where a fall of H and a fall of D work in opposite directions, the aggregate change between 1914 and 1919 was nearly nil, but since that time the fall in D has had decidedly the upper hand, and a steady rise in N has resulted. The rise from 1923 to 1924 was almost identical with that in the previous year.

Both the vertical force and the total force have shown a steady decline of late years. The fall from 1923 to 1924 was 25γ for the former element and 23γ for the latter, values slightly in excess of the average from the period 1914 to 1924.

Instrumental and observational uncertainties enter more into the values of I, V and T than into those of D and H, and are probably largely responsible for the irregularities apparent in the monthly values of the former elements and in their secular change.

Table 492 gives the mean yearly values of magnetic declination, inclination, horizontal force and vertical force for a number of observatories, the publications of which are received at Kew Observatory. Table 493 includes a few stations for which there were no data for years subsequent to 1921.

Use has also been made of a number of results which have recently come to hand for Russian stations, filling up gaps in previous tables. It will be noticed that an older station at Irkutsk was carried on for some years as well as a newer station some little distance away at Zui.

As usual, secular change data are much more consistent for D than for the other elements. The easterly movements between 1923 and 1924 recorded at the four older British stations—Greenwich, Kew, Stonyhurst and Eskdalemuir—varied only between 12′·2 and 12′·6. The mean 12′·3 from the four stations is the largest change recorded in Great Britain in any year since the invention of magnetographs. The new station, Lerwick, shows an even greater change, 13′·9, but in view of its recent erection it would be prudent to await further results before concluding that the change of declination is so much more rapid in Shetland than in the South of England. Potsdam and De Bilt each showed a change of 11′·9, and Pavlovsk a change of 9′·0, while the mean change from San Fernando and Tortosa was 9′·8. Thus, presumably, the change was larger in the British Isles than elsewhere in Europe.

The changes in H apparent at the European stations are much less consistent, and part of the difference between stations is presumably of instrumental origin. There were small falls varying from 2γ to 6γ at Eskdalemuir, Kew and De Bilt. The falls at Potsdam and Pavlovsk were respectively 15γ and 40γ. Valencia, Nantes, and Tortosa differed from the other European stations in showing a rise.

Inclination showed an annual change of only 0′·1 at Stonyhurst, Eskdalemuir and De Bilt ; a rise at Stonyhurst and De Bilt, a fall at Eskdalemuir. Valencia, Greenwich and Kew showed somewhat larger falls, but at Potsdam, Rude Skov, Lerwick and Pavlovsk there appeared a decided rise.

SEISMOLOGY.

Table C, shown below, gives a résumé of the results obtained during the year from the Milne seismograph (No. 9) in the basement.* The boom pointed north and south, so the instrument indicated movements of the ground in the east-west direction. Observations to determine the sensitiveness made on May 8th, July 31st and December 5th, gave results in close agreement, the mean value found for the angle of tilt

* The Milne instrument was removed in June, 1925, the room it occupied being required for the recording apparatus of the Galitzine seismographs.

answering to 1 mm. ordinate on the trace being 0·55″. Observations made on the oscillation period on these three occasions gave a mean of 17·2 seconds. In an instrument of this type it is difficult, if not impossible, to discriminate between the different kinds of waves, and there is often considerable uncertainty as to the time of commencement. Thus the information given in Table C is confined to the time of the largest movement and its amplitude. Numerical measurements are not given if the measured amplitude is less than 1 mm. The letters *a*, *b*, *c* denote amplitudes on an increasing scale, *a* representing an amplitude not exceeding 0·2 mm., *b* an amplitude of at least 0·2 mm., but less than 0·5 mm., and *c* an amplitude of at least 0·5 mm., but less than 1·0 mm. The amplitude is partly determined by the approach in the period of the earthquake wave to the natural period of the boom, but a large amplitude is never experienced unless the earthquake has been a really considerable one.

The greatest amplitude recorded during the year, on July 11th, was due to an earthquake in Tibet. The disturbance of July 3rd originated in the same region. The centre of the large disturbance recorded on April 14th is believed to have been in the Philippine Islands.

Table C.—Seismological Diary.

Richmond (Kew Observatory). Times G.M.T. **1924.**

Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.
	h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.
Jan. 2	9 4	*a*	Mar. 4	10 59	5·6	May 1	20 44	2·2	July 3	4 50	9·0	Sept. 4	16 12	*b*	Nov. 5	19 3	*a*
14	21 42	1·5	11	11 33	*c*	6	17 16	1·3	5	23 44	*a*	13	14 58	7·9	13	10 10	*b*
21	2 15	*b*	12	14 2	*a*				6	15 14	*c*	14	14 10	*b*	20	20 38	2·0
27	5 23	*b*	15	11 19	3·8				6	18 53	*c*	14	15 15	*b*	28	20 00	*a*
29	2 59	1·9	22	13 21	1·3				7	4 12	*b*	16	3 11	*b*	28	22 3	*b*
			25	15 0	*b*				11	20 23	10·2	18	2 00	*b*			
			28	5 12	*b*				12	15 45	2·3	25	5 39	*a*			
			30	0 52	*c*				14	3 10	*a*	27	4 52	*a*			
									22	4 51	*b*	28	13 45	*b*			
									22	15 21	1·3	30	12 20	*b*			
									24	6 43	1·1						
									29	6 32	*b*						

Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.	Date.	Maximum. Time.	Amp.
	h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.		h. m.	mm.
Feb. 9	23 35	*a*	Apr. 8	9 55	*b*	June 26	3 28	4·4	Aug. 6	1 55	*a*	Oct. 8	21 13	1·2	Dec. 7	15 51*	*b*
14	0 1	*b*	11	14 15	*a*	30	16 34	1·2	10	7 59	*b*	12	20 4*	*b*	11	18 54*	*a*
18	17 25	*c*	13	15 8	*b*				11	16 14	*a*	13	16 41	*c*	12	2 31*	*b*
19	7 31	*b*	14	17 25*	9·5				13	14 30	*b*	14	5 24	*c*	12	3 35*	*a*
			15	12 53*	*b*				13	16 42	*a*	18	20 28	*b*	17	6 15*	*b*
			20	15 4	*b*				14	0 41	*a*	20	20 57	*b*	28	23 45	*c* }
			28	17 46	*b*				14	1 36	*b*	25	20 00	*b*		23 59	*c* }
			29	9 37	*b*				14	18 59	4·6	27	21 3	*b*			
			29	21 42	*b*				15	0 24	*b*						
									17	2 39	*b*						
									17	3 7	*c*						
									21	19 48	*a*						
									25	3 20	1·0						
									25	15 22	*c*						
									26	0 3	*a*						
									27	22 47	*a*						
									30	4 17	1·9						

* *Times uncertain.*

Readings in millibars at exact hours, Greenwich Mean Time.

382. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.)= 10·4 metres. **January, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	021·0	020·3	020·0	019·8	019·7	019·8	020·0	020·2	020·4	020·6	020·6	019·9	019·9	019·7	019·9	020·0	020·1	020·1	019·8	019·9	020·0	020·2	019·9	019·7	020·1
2	019·3	019·2	019·2	019·0	018·7	018·4	018·4	018·3	018·3	018·2	018·0	017·1	016·5	015·5	015·0	014·7	014·4	013·9	013·5	013·0	013·0	013·2	013·3	013·3	016·4
3	013·4	013·6	013·7	014·1	014·2	014·3	014·5	015·1	015·4	015·9	015·9	015·8	015·6	015·4	015·8	016·2	016·4	016·4	016·6	017·0	017·3	017·4	017·8	017·9	015·6
4	018·3	018·7	019·0	019·8	020·1	020·8	021·3	022·2	022·7	023·4	024·1	024·1	024·2	024·2	024·5	024·6	024·9	025·1	025·1	025·9	026·3	026·2	026·1	026·1	023·1
5	026·0	025·8	025·8	025·8	025·9	025·8	025·8	026·0	026·5	026·6	026·1	025·6	025·2	025·0	025·0	025·0	025·1	025·1	025·3	025·2	025·0	024·8	024·6	024·3	025·5
6	023·7	023·8	023·3	022·6	022·1	021·5	021·2	021·2	021·1	020·7	020·1	019·3	018·6	017·8	017·3	016·6	016·4	015·9	015·4	014·8	014·3	013·9	013·9	013·2	018·9
7	012·8	012·2	011·9	011·3	010·2	010·0	009·9	009·7	009·9	009·4	008·7	007·5	007·2	006·8	006·5	006·5	006·5	006·7	006·4	006·1	005·9	005·6	005·3	005·0	008·4
8	004·3	003·4	002·3	001·6	001·0	999·7	999·1	998·3	997·2	996·3	995·4	994·3	993·3	992·6	991·8	990·4	989·6	988·5	988·1	987·4	987·0	986·8	986·2	985·9	994·6
9	985·5	985·5	985·4	985·1	985·2	985·2	985·7	985·7	986·3	987·0	987·7	988·0	988·5	989·0	990·2	991·2	992·0	993·0	993·9	994·1	994·9	995·1	995·2	995·5	**989·2**
10	995·5	995·6	994·5	994·1	992·9	991·8	991·7	991·7	992·3	992·6	993·0	993·0	992·8	992·8	992·5	992·2	992·1	991·7	991·5	991·4	991·4	991·3	991·7	992·5	992·7
11	993·6	994·6	995·2	995·6	996·1	997·5	998·2	999·7	001·1	002·9	004·7	005·3	006·0	006·9	007·7	008·5	008·7	009·0	008·9	008·6	007·6	007·0	006·9	006·6	002·9
12	005·2	004·4	004·4	006·2	006·5	006·7	007·6	008·2	009·1	009·7	010·3	010·5	010·5	010·8	011·4	011·5	011·5	011·6	011·7	011·2	011·2	010·8	010·6	009·7	009·4
13	008·9	008·4	007·5	007·2	006·6	006·2	005·6	005·4	005·3	005·4	004·9	004·2	003·1	001·8	001·7	001·3	001·5	001·5	001·3	001·8	001·7	001·3	001·5	001·3	004·1
14	001·6	001·7	001·8	001·8	001·5	001·6	002·0	002·4	002·8	003·0	003·2	002·8	002·4	002·4	002·8	003·3	003·4	003·4	003·7	004·1	004·4	004·2	004·1	003·7	002·8
15	003·6	003·8	003·6	003·3	002·7	002·6	002·7	003·2	003·3	003·1	002·7	002·1	001·7	001·4	001·1	000·6	000·6	000·4	000·1	000·6	000·3	999·7	999·4	999·5	001·8
16	999·3	999·3	999·1	998·7	998·3	998·3	998·8	999·1	999·2	999·3	999·4	999·2	998·9	998·9	999·0	999·0	999·4	999·7	000·4	000·6	001·1	001·0	001·2	001·4	999·5
17	001·5	002·0	002·6	002·7	002·8	003·1	003·8	004·9	005·6	005·8	006·2	006·3	006·5	006·8	007·7	008·4	008·8	009·0	009·8	010·4	010·4	010·2	009·9	009·7	006·3
18	009·5	009·4	009·2	008·7	007·6	006·8	006·6	006·5	006·9	006·7	006·3	005·7	004·4	003·1	003·6	003·6	003·3	003·0	003·5	003·3	002·8	002·8	002·9	002·5	005·5
19	001·7	001·0	000·5	999·4	998·3	997·3	997·4	997·4	997·5	998·4	999·3	999·1	999·1	998·5	997·9	997·9	997·6	998·4	998·8	999·0	999·0	999·6	000·5	001·1	999·0
20	001·9	002·7	003·5	004·3	005·2	005·9	006·7	008·2	009·0	010·0	010·9	011·3	012·0	012·5	013·2	013·8	014·3	014·6	015·5	015·8	016·6	016·6	016·8	017·0	010·4
21	017·1	016·9	016·8	017·0	016·7	016·4	016·6	016·7	016·8	017·0	016·5	016·1	015·6	015·5	015·6	015·4	015·2	014·7	014·6	014·7	015·0	014·9	014·9	014·7	015·9
22	014·7	014·3	014·1	013·8	013·2	013·0	013·0	013·1	013·1	013·1	012·8	012·5	011·6	011·5	011·4	011·3	011·8	011·7	011·4	011·9	012·0	012·2	012·4	012·8	012·7
23	013·0	013·7	014·2	014·7	015·0	015·4	015·8	016·5	017·3	018·1	018·4	018·8	018·0	019·3	019·6	019·6	020·0	020·4	021·0	021·3	021·7	021·8	021·8	021·9	018·1
24	021·5	021·3	021·5	021·2	021·1	020·8	020·6	020·5	020·5	020·5	020·4	020·0	019·6	019·2	018·9	018·6	018·2	018·1	018·0	018·1	018·3	018·5	018·7	019·3	019·8
25	019·8	020·6	021·7	022·7	023·4	024·1	025·4	026·9	028·0	029·0	030·3	030·6	031·0	031·5	032·0	032·7	033·4	034·0	034·2	034·4	035·0	035·4	035·5	036·0	029·1
26	036·2	036·5	036·8	036·7	036·6	036·4	036·6	036·8	036·9	037·0	036·8	036·6	036·2	035·7	035·5	035·6	035·4	035·2	034·9	034·7	034·4	033·7	033·4	032·9	**035·8**
27	032·3	031·7	030·8	030·6	030·3	030·5	030·8	031·9	033·1	033·5	033·5	033·4	033·0	032·9	033·2	033·4	033·8	034·3	034·3	034·7	035·0	035·0	034·5	034·5	032·9
28	034·2	034·0	033·7	033·8	033·2	032·5	032·8	032·7	032·8	032·5	032·1	031·1	030·8	030·4	030·5	030·6	030·8	030·8	030·7	030·6	030·7	030·4	030·1	029·9	031·8
29	029·8	029·6	029·2	029·1	029·0	028·2	028·0	028·3	028·4	028·3	027·7	027·2	026·5	026·3	026·1	026·2	026·3	026·3	026·4	026·2	026·1	026·2	026·2	026·1	027·5
30	026·0	026·2	026·1	026·1	026·0	025·8	026·0	026·3	026·7	026·8	026·7	026·5	026·3	026·0	026·1	026·1	026·3	026·5	026·6	026·6	026·7	026·7	026·6	026·7	026·3
31	026·6	026·5	026·4	026·2	026·2	026·0	026·0	026·4	026·3	026·6	026·6	026·5	026·1	025·9	025·6	025·7	025·8	026·1	026·3	026·3	026·4	026·6	026·7	026·6	026·3
Mean (Station level)	1013 ·51	1013 ·51	1013 ·41	1013 ·32	1013 ·11	**1012 ·98**	1013 ·18	1013 ·53	1013 ·87	1014 ·11	**1014 ·17**	1013 ·88	1013 ·61	1013 ·42	1013 ·52	1013 ·57	1013 ·67	1013 ·71	1013 ·80	1013 ·86	1013 ·92	1013 ·84	1013 ·79	1013 ·78	1013 ·63
Mean (Sea level)	1014 ·80	1014 ·80	1014 ·71	1014 ·62	1014 ·40	**1014 ·27**	1014 ·47	1014 ·83	1015 ·16	1015 ·40	**1015 ·46**	1015 ·17	1014 ·90	1014 ·71	1014 ·80	1014 ·85	1014 ·95	1015 ·00	1015 ·09	1015 ·15	1015 ·21	1015 ·13	1015 ·09	1015 ·08	1014 ·92

Station Level

383. Richmond (Kew Observatory) : H_b=10·4 metres. **February, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	026·8	027·1	027·6	028·1	028·7	029·2	029·9	030·6	031·2	031·6	032·1	032·1	031·7	031·3	031·5	031·8	032·1	032·5	032·8	033·0	033·5	033·4	033·3	033·6	030·9
2	033·4	032·9	032·5	032·2	032·0	031·7	031·6	031·5	031·7	031·8	031·9	031·1	030·7	030·5	030·1	030·2	030·3	030·7	030·6	030·4	030·3	030·0	029·6	029·8	031·2
3	029·8	029·6	029·3	029·2	029·3	029·2	029·6	030·0	030·3	030·6	030·8	030·9	030·5	029·9	029·4	029·4	029·8	030·1	029·9	029·7	029·3	029·5	029·4	029·0	029·8
4	028·5	028·1	027·9	027·4	027·5	027·3	027·3	027·2	027·3	027·4	027·1	026·6	025·7	025·6	025·6	025·6	025·3	025·3	025·4	025·4	025·1	024·7	024·5	024·3	026·4
5	023·6	023·2	022·5	021·6	021·0	020·2	019·7	019·4	018·9	018·3	018·1	017·2	016·4	015·8	015·2	014·5	014·1	013·6	013·2	012·9	012·9	013·0	013·0	013·0	017·4
6	013·0	012·9	012·8	012·8	012·8	012·7	012·8	013·2	013·7	014·1	014·3	014·7	014·8	014·3	014·5	014·9	015·1	015·6	016·0	016·4	016·6	016·7	017·0	017·3	014·5
7	017·1	016·9	016·9	016·9	016·7	016·4	016·4	016·5	016·7	016·7	016·7	016·4	015·9	015·5	015·1	015·0	015·1	015·2	015·2	014·9	014·6	014·2	013·9	013·5	015·8
8	013·1	012·6	011·8	011·2	010·7	010·1	009·5	009·5	009·0	008·6	008·0	007·4	006·5	005·9	005·3	004·8	004·4	003·8	002·7	001·9	001·2	000·1	999·1	997·6	006·8
9	996·7	994·9	993·5	992·2	990·8	988·8	987·6	986·1	985·0	983·6	982·0	981·5	981·6	982·4	983·7	984·9	985·6	986·4	986·5	986·4	986·3	986·4	986·5	986·5	987·1
10	986·2	985·9	985·5	985·3	985·2	985·0	985·0	984·7	984·6	984·6	984·7	984·5	984·1	983·6	983·4	983·7	984·0	984·4	984·5	984·7	984·8	985·2	985·5	985·7	**984·8**
11	985·8	986·1	986·6	986·9	987·1	987·5	987·8	988·8	989·3	990·0	990·8	990·9	991·3	991·6	992·1	993·1	993·9	994·9	995·4	995·9	996·4	996·9	997·3	998·0	991·2
12	998·1	998·4	998·6	998·8	998·9	998·9	998·8	998·8	998·6	998·4	998·2	997·8	997·3	996·5	995·6	995·1	995·3	995·3	995·3	995·3	995·0	994·6	994·7	994·6	997·0
13	995·2	995·4	995·4	995·7	995·9	996·1	996·8	997·7	998·5	999·2	000·4	000·8	001·4	001·8	002·8	003·5	004·3	005·5	006·5	007·6	008·6	009·6	010·4	011·3	001·3
14	012·3	013·0	013·5	014·3	015·4	016·2	017·5	018·1	019·0	019·6	020·4	021·0	021·4	021·9	022·4	023·2	023·7	024·4	024·9	025·4	025·6	025·6	026·0	026·2	020·1
15	026·4	026·7	026·7	026·9	026·6	026·5	026·5	026·5	026·4	026·3	026·0	025·8	025·3	024·6	024·1	023·9	023·8	023·8	023·7	023·7	023·9	024·0	024·1	024·8	025·3
16	025·1	025·6	026·0	026·5	027·2	027·9	028·6	030·1	031·0	031·9	032·6	032·8	032·8	032·8	032·9	033·4	033·7	034·5	034·9	035·4	035·7	035·8	035·8	036·3	031·4
17	036·0	036·0	036·0	035·8	035·6	035·4	035·6	035·6	035·6	035·4	035·1	034·6	033·9	033·3	032·3	031·7	031·1	030·4	030·2	029·9	029·4	028·9	028·2	027·4	**033·2**
18	026·0	025·0	024·3	023·2	022·3	020·4	019·9	019·3	018·6	017·9	017·1	016·6	016·3	016·2	016·0	016·0	016·2	017·0	017·8	018·4	018·6	018·3	018·2	017·0	017·8	019·3
19	017·5	017·4	017·0	016·7	016·7	016·6	016·7	017·1	016·9	017·2	016·9	016·7	016·9	016·9	017·1	017·8	018·2	019·0	019·9	020·7	021·0	021·5	021·9	022·3	018·1
20	022·6	022·9	022·7	022·9	023·1	023·4	023·9	024·4	024·5	024·7	025·0	025·0	024·8	024·5	024·5	024·2	024·2	024·2	024·4	024·4	024·4	024·5	024·4	024·3	024·0
21	024·2	024·0	023·9	023·6	023·3	022·8	022·8	023·2	023·0	023·0	022·8	022·5	022·1	021·7	021·4	021·2	021·2	021·6	021·5	021·7	022·0	022·5	022·8	023·2	022·6
22	023·4	023·4	023·3	023·4	023·3	023·4	023·6	024·0	024·1	024·2	024·6	024·6	024·3	024·2	024·2	024·6	024·9	025·5	025·9	026·1	026·4	026·4	027·0	027·3	024·6
23	027·5	027·6	027·7	028·1	028·3	028·6	029·2	029·6	029·7	030·0	030·1	029·6	029·4	029·2	029·1	029·0	028·7	028·6	028·8	028·8	028·8	028·9	028·7	028·5	028·8
24	028·2	027·4	026·7	026·1	025·5	024·5	023·9	023·3	022·1	020·9	019·6	018·1	016·6	014·9	013·8	013·2	012·3	012·8	012·6	012·5	012·4	012·3	012·1	012·1	018·8
25	012·0	011·9	011·4	011·3	011·3	011·4	011·8	012·2	012·2	012·6	013·0	013·0	013·0	012·8	012·8	013·1	013·9	015·0	016·1	017·0	018·3	019·1	019·7	020·3	013·8
26	020·5	020·6	020·6	020·8	021·1	021·2	021·7	022·1	022·2	022·3	022·2	022·0	021·9	021·7	021·6	022·1	022·7	023·5	024·6	024·8	025·5	025·8	026·2	026·4	022·5
27	026·6	026·4	026·1	026·3	026·2	026·2	026·0	025·3	025·2	025·2	024·6	023·5	022·5	021·5	020·6	020·0	019·4	018·2	017·4	016·5	015·5	014·9	015·1	015·0	022·5
28	014·9	014·9	015·1	015·3	015·7	015·9	016·2	016·5	017·0	017·2	017·4	017·4	017·5	017·4	017·5	017·3	017·4	017·8	017·8	018·0	018·0	018·0	017·9	017·5	017·2	016·8
29	016·8	015·8	014·9	013·5	011·8	010·6	008·3	006·4	004·7	003·1	001·6	999·4	998·1	995·9	994·0	993·8	993·7	993·9	994·2	994·2	993·7	993·5	993·5	993·6	002·1
Mean (Station level)	**1017 ·49**	1017 ·33	1017 ·13	1017 ·00	1016 ·90	1016 ·60	1016 ·73	1016 ·84	1016 ·80	1016 ·77	1016 ·71	1016 ·40	1016 ·06	1015 ·70	**1015 ·50**	1015 ·58	1015 ·72	1016 ·05	1016 ·21	1016 ·31	1016 ·36	1016 ·37	1016 ·38	1016 ·47	1016 ·50
Mean (Sea level)	**1018 ·80**	1018 ·64	1018 ·44	1018 ·31	1018 ·21	1018 ·01	1018 ·04	1018 ·15	1018 ·11	1018 ·08	1018 ·02	1017 ·70	1017 ·36	1017 ·99	**1016 ·80**	1016 ·88	1017 ·02	1017 ·35	1017 ·51	1017 ·62	1017 ·67	1017 ·67	1017 ·68	1017 ·77	1017 ·81
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	20	22.	23.	24.	Mean

Station Level

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

384. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **March, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	993·3	993·0	992·7	992·2	991·7	991·4	991·3	991·3	991·4	991·8	992·5	992·4	992·3	992·2	992·3	992·4	992·6	992·9	992·7	992·5	992·4	992·3	991·4	990·9	992·2
2	990·1	989·0	988·3	987·9	987·9	987·5	987·5	987·5	987·9	988·1	988·8	989·3	989·2	988·9	988·4	988·2	987·6	987·5	987·3	987·1	986·7	986·2	985·9	985·3	**988·0**
3	984·6	983·1	982·8	984·5	987·0	989·7	992·0	994·3	995·9	997·1	998·2	998·6	999·1	999·0	998·8	998·8	999·0	999·0	998·9	998·7	999·0	998·9	998·9	999·1	994·5
4	999·5	000·1	000·2	000·5	001·1	001·8	002·4	002·9	003·4	004·1	004·5	004·9	005·0	005·2	005·6	006·1	006·9	007·9	008·9	009·8	010·2	010·8	011·3	011·9	004·9
5	012·4	012·6	012·6	012·8	013·1	013·1	013·4	013·7	013·5	013·6	013·6	013·5	013·3	013·0	012·7	012·7	012·9	013·1	013·5	013·5	013·5	013·6	013·6	013·9	013·2
6	014·5	014·4	014·7	015·5	016·1	016·9	018·1	019·3	020·5	021·5	022·2	023·1	023·5	023·9	024·0	024·8	025·7	026·7	027·1	027·4	027·9	028·5	029·0	029·5	022·0
7	030·0	030·2	030·3	030·4	030·7	031·1	031·9	032·0	032·2	032·0	031·9	031·9	031·2	030·6	030·3	030·3	030·5	030·7	030·6	030·6	030·8	030·8	031·0	030·9	**030·9**
8	030·5	030·2	029·7	029·4	029·4	029·4	029·5	029·6	029·4	029·3	028·6	027·8	027·1	026·6	026·1	025·8	025·7	025·8	025·8	025·7	025·5	025·4	025·5	025·5	027·7
9	025·3	024·8	024·7	024·1	023·9	023·8	023·9	024·1	023·9	023·7	023·5	023·0	022·0	021·6	021·4	021·3	021·2	021·3	021·6	021·6	021·7	021·6	021·7	021·6	022·9
10	021·3	021·2	021·1	021·2	021·0	020·8	021·1	021·5	021·5	021·8	021·9	021·6	021·3	021·1	020·8	020·7	020·8	021·2	021·4	021·8	022·2	022·6	022·7	022·8	021·5
11	023·0	022·8	022·8	023·0	023·3	023·7	024·3	024·9	025·0	025·0	025·1	025·1	024·9	024·6	024·5	024·6	025·1	025·6	026·2	026·6	026·8	027·1	027·2	027·5	024·9
12	027·6	027·7	027·7	027·7	027·7	027·6	027·9	028·0	028·2	028·1	028·1	027·8	027·5	027·0	026·7	026·6	026·7	026·9	026·9	026·9	027·1	027·0	026·9	026·8	027·4
13	026·7	026·6	026·3	026·0	026·0	026·1	026·4	026·6	026·7	026·7	026·5	026·1	025·7	025·1	025·1	025·1	025·5	025·7	025·9	026·1	026·1	026·0	026·1	026·4	026·1
14	026·3	026·1	026·1	026·0	026·1	026·0	026·2	026·3	026·1	026·2	025·5	025·2	024·7	024·1	023·5	023·4	023·6	023·8	023·9	023·8	023·5	023·4	023·3	023·3	024·9
15	022·9	022·6	022·4	022·0	021·7	021·4	021·4	021·4	021·1	020·9	020·7	020·2	019·7	018·9	018·3	017·6	017·2	017·3	017·0	017·1	017·1	017·1	017·1	016·6	019·7
16	016·2	015·7	015·3	015·1	014·7	014·6	014·9	014·9	014·8	014·3	014·0	013·5	013·0	013·0	013·4	013·7	014·2	015·1	015·8	016·5	017·0	017·5	017·7	017·9	015·1
17	018·0	018·1	018·4	018·5	018·6	018·8	019·2	019·4	019·4	019·3	019·1	018·6	018·1	017·7	017·3	017·1	017·1	017·1	017·0	017·2	017·2	017·2	017·3	017·2	018·1
18	017·2	017·1	016·9	016·9	017·0	017·1	017·2	017·2	017·3	017·3	017·1	016·7	016·4	015·8	015·5	015·1	015·1	014·9	015·1	015·2	015·1	015·0	014·6	014·7	016·2
19	014·5	014·0	013·5	013·2	012·8	012·3	012·0	011·6	011·3	011·1	010·8	009·9	009·1	008·1	007·4	006·8	006·6	006·7	006·8	006·8	006·9	007·0	007·3	007·4	009·9
20	007·6	007·7	007·6	007·6	007·7	007·8	007·9	008·1	008·3	008·4	008·5	008·1	007·7	007·5	006·8	006·6	006·5	006·4	006·6	006·6	006·4	005·9	005·4	004·8	007·2
21	003·9	003·3	002·5	002·2	001·9	001·6	001·8	001·6	002·0	002·0	002·1	002·2	002·2	002·3	002·5	002·9	003·2	003·6	004·0	004·7	005·1	005·4	005·4	005·6	003·1
22	005·5	005·4	005·0	004·8	004·8	004·9	005·1	005·1	005·1	005·1	005·3	005·0	004·7	004·5	003·8	003·6	003·4	003·6	003·6	003·4	003·2	002·8	001·8	001·0	004·3
23	000·1	999·0	998·0	996·6	994·9	993·0	991·8	990·5	989·6	989·1	989·1	989·1	988·9	988·8	988·4	988·2	988·0	987·9	987·8	987·9	987·8	987·6	987·7	987·8	991·0
24	988·3	988·8	989·1	989·0	989·3	989·6	990·1	990·3	990·8	991·3	992·0	992·0	992·1	992·1	992·0	992·2	992·3	992·3	992·5	992·6	992·6	992·2	992·0	991·5	991·0
25	990·9	990·2	989·4	989·2	988·9	988·7	988·9	988·9	989·1	989·4	989·5	989·6	989·7	990·1	990·3	990·4	990·5	990·9	991·4	991·7	991·9	991·8	991·7	991·9	990·2
26	991·9	991·8	991·6	991·5	991·5	991·6	991·9	992·1	992·2	992·6	993·0	993·2	993·2	993·2	993·3	993·6	993·8	994·5	995·1	995·7	996·2	996·5	997·0	997·3	993·4
27	997·7	997·8	998·1	998·2	998·5	999·1	999·6	000·2	000·5	000·8	001·0	001·3	001·4	001·6	001·7	002·0	002·2	002·9	003·1	003·6	003·9	004·1	004·3	004·5	001·0
28	004·6	004·3	004·1	003·9	004·1	004·0	004·2	004·5	004·7	005·0	005·1	005·1	005·2	005·0	005·1	005·0	005·1	005·5	005·9	006·4	006·9	007·2	007·4	008·0	005·2
29	008·1	008·1	008·1	008·1	008·2	008·7	009·2	009·3	009·8	010·1	010·8	011·0	011·0	011·0	011·0	011·0	011·1	011·7	012·6	013·5	014·3	014·8	015·5	016·1	011·0
30	017·0	017·2	017·4	017·8	018·3	018·7	019·3	020·0	020·2	020·8	021·0	021·1	021·4	021·4	021·5	021·4	021·4	021·8	022·6	023·1	023·4	023·5	023·6	023·8	020·6
31	024·1	024·0	023·9	023·7	023·9	023·9	024·0	024·1	024·0	023·9	023·9	023·7	023·5	023·0	022·7	022·3	022·3	022·8	023·2	023·5	023·7	023·5	023·4	023·4	023·5
Mean (Station level)	1010 ·76	1010 ·55	1010 ·37	**1010 ·31**	1010 ·38	1010 ·47	1010 ·78	1011 ·00	1011 ·15	1011 ·31	1011 ·42	1011 ·31	1011 ·11	1010 ·89	1010 ·69	1010 ·66	1010 ·78	1011 ·09	1011 ·35	1011 ·55	1011 ·67	1011 ·73	1011 ·73	**1011 ·77**	1011 ·01
Mean (Sea level)	1012 ·06	1011 ·85	1011 ·67	**1011 ·61**	1011 ·68	1011 ·78	1012 ·08	1012 ·30	1012 ·44	1012 ·60	1012 ·70	1012 ·59	1012 ·39	1012 ·16	1011 ·97	1011 ·93	1012 ·06	1012 ·37	1012 ·64	1012 ·85	1012 ·97	1013 ·03	1013 ·03	**1013 ·07**	1012 ·31

385. Richmond (Kew Observatory) : H_b = 10·4 metres. **April, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	023·1	022·8	022·5	022·2	021·8	021·7	021·8	021·9	021·8	021·7	021·6	021·5	021·1	020·5	020·1	019·9	020·2	020·8	021·3	021·7	022·1	022·3	022·3	022·3	021·6
2	022·1	021·8	021·3	021·2	021·1	021·3	021·3	021·5	021·5	021·5	021·4	021·3	021·0	020·5	020·2	020·3	020·5	020·7	021·2	021·4	021·5	021·6	021·5	021·2	021·2
3	020·8	020·3	020·1	020·1	020·2	020·3	020·7	020·6	020·4	020·4	020·3	019·9	019·3	018·6	018·2	018·3	018·4	018·8	019·1	019·5	019·9	020·1	020·0	019·9	019·8
4	019·9	020·0	020·0	020·1	020·2	020·4	020·8	021·0	021·0	021·3	021·4	021·2	021·1	020·8	020·4	020·3	020·5	020·8	021·4	021·7	022·1	022·3	022·6	022·8	020·9
5	022·7	022·5	022·5	022·4	022·6	022·8	023·1	023·2	023·1	022·9	022·3	021·9	021·5	021·0	020·3	020·0	019·8	019·9	020·3	020·9	021·0	021·0	020·6	020·5	021·7
6	020·1	020·0	019·6	019·4	019·5	019·3	019·6	019·7	019·5	019·2	018·8	018·5	018·0	017·3	016·8	016·3	016·1	016·0	016·2	016·5	016·6	016·8	016·8	016·6	018·1
7	016·4	016·1	015·8	015·5	015·3	015·1	015·1	015·1	014·8	014·5	013·9	013·0	012·2	011·3	010·5	010·2	010·0	009·6	009·5	009·6	009·3	008·9	008·4	008·0	012·6
8	007·8	007·2	006·7	006·4	006·2	005·8	005·8	005·2	004·9	004·4	004·0	003·5	003·0	002·7	002·2	001·6	001·2	001·3	001·2	001·2	001·1	000·8	000·7	000·3	003·7
9	000·4	999·8	999·7	999·5	999·4	999·0	999·1	999·1	999·3	999·0	999·2	999·0	999·6	999·6	999·8	999·6	001·1	001·0	001·1	001·6	002·0	002·0	002·0	001·9	000·1
10	001·8	001·3	000·9	000·4	000·1	999·9	999·5	999·0	998·8	998·7	998·1	997·6	997·2	996·8	996·4	996·5	996·8	997·2	997·4	997·9	998·2	998·5	998·6	999·1	998·7
11	999·3	999·5	999·8	000·1	000·6	001·2	001·8	002·3	003·0	003·5	004·1	004·3	004·6	005·0	005·3	005·5	005·5	005·5	005·4	005·2	004·8	004·4	003·8	002·7	003·1
12	001·0	999·8	998·2	996·3	994·7	994·2	993·9	993·5	992·9	992·5	991·9	991·6	991·6	991·7	991·8	992·5	992·7	993·2	993·6	994·5	995·3	996·0	997·0	998·2	**994·6**
13	998·0	999·7	000·8	001·6	002·2	003·1	003·9	004·6	005·2	005·5	005·8	005·6	005·5	005·0	004·7	004·5	004·4	004·0	003·5	002·8	002·2	001·3	000·9	999·8	003·1
14	998·6	997·8	997·2	996·8	996·4	996·3	996·4	996·3	996·2	996·2	995·9	995·8	995·4	995·4	995·6	996·0	996·9	998·1	999·5	000·4	001·2	001·8	002·1	002·5	997·6
15	002·4	002·2	002·2	002·0	002·1	002·3	002·9	003·4	003·6	004·0	004·2	004·2	004·6	004·7	005·2	005·4	006·2	006·9	007·5	008·3	009·0	009·7	010·2	010·7	005·0
16	011·1	011·4	011·7	011·9	012·2	012·9	013·8	014·1	014·2	014·5	014·9	015·0	015·4	015·5	015·6	016·2	016·4	016·9	017·7	018·1	018·7	018·9	019·2	019·6	015·1
17	019·9	020·4	020·3	020·7	021·2	021·7	022·1	022·6	023·1	023·4	023·4	023·4	023·6	023·9	024·1	024·3	024·6	024·9	025·4	026·1	026·6	027·0	027·4	027·9	023·5
18	028·4	028·6	028·9	029·2	029·3	029·8	030·1	030·3	030·5	030·1	029·8	029·8	029·6	029·3	029·2	029·3	029·4	029·6	030·2	030·6	030·9	030·9	031·2	031·4	029·8
19	031·4	031·1	031·6	031·6	031·5	031·9	032·4	032·8	032·8	032·7	032·7	032·2	032·1	031·9	031·9	031·9	031·9	031·8	032·0	032·5	032·8	033·0	033·1	032·8	**032·1**
20	032·7	032·7	032·5	032·6	032·3	032·5	032·8	032·4	032·3	032·0	031·5	030·9	030·6	030·3	029·9	029·6	029·3	028·8	028·7	028·6	028·7	028·6	028·5	028·2	030·8
21	027·9	027·3	026·5	025·9	025·7	025·6	025·3	025·0	024·6	024·5	023·9	023·3	022·8	022·1	021·4	020·8	020·1	019·5	019·5	020·2	020·4	020·1	020·0	019·4	023·2
22	018·5	017·4	016·7	016·2	015·4	015·1	014·6	014·2	013·8	013·3	012·3	011·1	010·3	009·9	009·4	009·0	008·4	008·4	008·4	008·5	008·6	008·4	008·6	008·6	012·1
23	008·5	008·2	008·1	008·2	008·3	008·5	008·5	008·5	008·7	008·6	008·5	008·5	008·0	007·7	007·4	006·9	006·5	006·3	006·2	006·2	006·3	006·1	005·9	005·7	007·6
24	005·5	005·3	005·5	005·5	005·7	005·8	006·0	006·3	006·6	006·9	007·0	007·2	007·4	007·5	007·0	006·8	006·6	006·5	006·6	006·7	006·8	006·8	006·8	006·5	006·5
25	006·3	006·2	006·2	006·2	006·2	006·3	006·2	005·7	005·1	004·8	005·4	005·4	005·5	005·1	004·9	004·8	004·6	004·3	004·4	004·4	004·5	004·4	004·4	004·6	005·3
26	003·2	003·0	002·6	001·9	001·2	000·6	999·9	998·9	998·4	997·5	996·3	997·2	996·3	995·7	995·6	995·2	995·3	995·4	995·7	995·8	995·8	995·7	996·0	996·6	998·1
27	997·8	999·0	000·0	001·2	002·0	002·9	003·1	003·2	002·6	001·8	001·1	000·0	997·0	994·5	992·1	991·7	991·7	992·4	995·1	997·6	999·8	000·8	001·3	001·3	998·7
28	001·1	000·5	999·8	998·8	998·5	998·3	998·5	996·8	997·4	997·7	997·9	998·0	998·3	998·2	998·1	998·3	998·3	998·2	998·3	998·5	998·8	998·8	998·0	998·5	998·5
29	998·9	998·9	999·4	999·8	000·2	000·7	001·2	001·4	001·3	001·6	001·4	001·2	000·8	000·4	999·6	999·5	999·0	999·5	999·1	998·3	997·8	997·5	997·6	997·6	999·7
30	997·5	997·8	998·2	998·4	998·4	998·4	998·8	998·7	998·4	998·4	997·9	997·8	997·6	997·4	997·1	996·6	996·5	996·3	996·4	996·8	997·8	999·1	000·3	001·4	998·1
Mean (Station level)	**1011 ·47**	1011 ·29	1011 ·18	1011 ·07	1011 ·02	1011 ·14	1011 ·23	1011 ·23	1011 ·19	1011 ·10	1010 ·91	1010 ·66	1010 ·36	1010 ·00	1009 ·68	**1009 ·59**	1009 ·62	1009 ·76	1010 ·08	1010 ·43	1010 ·72	1010 ·84	1010 ·93	1010 ·94	1010 ·70
Mean (Sea level)	**1012 ·75**	1012 ·57	1012 ·46	1012 ·36	1012 ·31	1012 ·43	1012 ·51	1012 ·51	1012 ·46	1012 ·37	1012 ·17	1011 ·92	1011 ·62	1011 ·26	1010 ·93	**1010 ·85**	1010 ·88	1011 ·02	1011 ·35	1011 ·70	1012 ·00	1012 ·12	1012 ·21	1012 ·22	1011 ·97
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

* When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule, does not however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

386. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	002·9	003·8	004·3	004·7	005·1	005·9	006·4	006·7	006·9	007·3	007·6	007·9	008·2	008·2	008·2	008·4	008·2	008·1	008·5	008·8	009·0	009·1	009·1	008·9	007·0
2	008·9	008·4	007·9	007·4	007·1	006·8	006·3	006·0	005·4	004·8	004·6	004·2	003·5	002·9	002·2	002·0	001·7	001·7	001·9	001·8	001·6	001·9	001·8	001·8	004·4
3	001·7	001·7	001·7	001·5	001·5	001·8	001·9	001·9	001·9	002·0	002·2	002·3	002·5	002·6	003·0	003·9	004·0	004·5	005·4	006·2	007·2	008·1	008·6	009·2	003·5
4	009·8	010·1	010·7	011·1	011·7	012·3	013·0	013·6	013·7	013·8	014·0	014·1	013·9	013·5	013·6	012·9	012·6	012·5	012·6	012·4	012·3	012·4	012·4	012·4	012·5
5	012·3	012·1	012·3	012·3	012·3	012·5	012·5	012·6	012·3	012·2	011·9	011·5	011·2	011·1	010·7	010·6	010·6	011·2	011·3	011·9	012·2	012·8	013·5	013·9	012·0
6	013·6	013·6	013·3	013·0	012·4	012·5	012·7	012·3	012·0	011·8	011·4	010·8	010·2	009·7	008·9	008·7	008·2	007·5	007·2	006·9	006·6	006·0	005·4	004·9	010·2
7	004·2	003·7	003·3	002·7	002·4	002·3	002·4	002·2	002·2	002·3	002·6	002·6	002·3	002·4	002·5	002·3	002·4	002·5	003·5	004·8	005·6	005·7	006·1	006·0	003·3
8	005·9	005·8	005·6	005·4	005·3	005·1	005·1	005·2	005·3	005·4	005·6	005·9	005·7	006·0	006·6	008·1	008·7	009·3	010·1	011·3	012·2	012·8	013·4	013·9	007·5
9	014·4	015·0	015·7	016·5	017·3	017·9	018·8	019·3	019·7	020·1	020·5	020·6	020·4	020·4	020·1	020·1	020·4	020·6	020·7	021·1	021·1	020·8	020·8	020·4	019·1
10	019·8	019·1	018·4	018·0	017·8	017·5	017·6	017·5	017·4	017·3	017·1	016·9	016·6	015·9	014·9	014·3	013·5	012·9	012·1	011·8	011·6	011·2	010·7	010·3	015·6
11	010·1	010·1	010·1	010·2	010·4	010·7	011·2	011·3	011·5	011·7	011·8	011·6	011·4	011·5	011·3	011·5	011·4	011·4	011·1	011·0	100·5	009·6	008·8	007·8	010·8
12	006·8	006·2	006·0	006·2	006·7	007·5	008·6	009·7	010·6	011·5	012·2	012·9	013·4	013·9	014·4	014·5	014·4	014·6	014·7	015·0	015·1	014·8	014·5	014·0	011·5
13	013·8	013·6	013·6	013·4	013·2	013·6	013·6	013·8	013·9	014·2	014·5	015·1	015·3	015·8	016·3	016·4	016·5	017·1	017·6	018·1	018·4	018·3	018·2	018·2	015·4
14	017·6	017·3	016·9	016·0	015·6	015·5	014·9	014·8	014·6	014·6	014·9	014·8	014·8	014·9	015·3	014·9	015·5	016·0	015·9	016·6	017·2	017·4	017·7	017·8	015·9
15	017·9	018·1	017·9	018·3	018·5	019·0	019·4	019·2	019·3	019·3	019·2	019·0	018·6	018·4	017·9	017·7	017·7	017·7	017·7	017·9	018·2	018·4	018·5	018·4	018·4
16	018·3	018·3	018·4	018·5	019·0	019·6	020·0	020·2	020·3	020·4	020·6	020·8	021·3	021·3	021·3	021·3	021·5	021·9	022·4	023·1	023·9	024·4	024·9	024·9	021·0
17	025·1	025·3	025·3	025·3	025·4	025·7	025·8	025·4	025·0	024·8	024·3	023·6	023·3	022·5	021·8	021·2	020·8	020·6	020·5	020·3	020·3	020·0	019·7	019·2	**023·1**
18	018·4	018·2	017·0	016·1	016·0	015·9	015·7	015·0	014·7	014·1	013·6	012·7	011·5	010·3	010·0	009·4	009·8	008·4	007·5	007·2	007·1	007·0	007·0	005·9	012·3
19	005·3	005·3	005·1	005·0	004·8	005·4	005·6	006·3	006·5	006·7	006·7	006·5	006·1	006·1	005·7	005·4	005·4	006·1	007·0	007·6	008·0	008·2	208·6	008·7	006·3
20	008·8	008·7	008·7	008·7	008·7	009·0	009·0	008·7	008·5	008·4	008·4	008·0	007·7	007·4	006·7	006·3	006·0	006·6	006·5	007·1	007·7	008·2	008·8	009·2	008·0
21	009·2	009·0	008·8	009·2	009·5	009·8	009·4	009·8	009·6	009·4	009·1	009·1	009·0	009·0	008·7	008·5	008·4	008·3	008·2	009·2	009·0	009·8	010·1	010·5	009·2
22	010·7	010·8	010·7	010·8	010·8	011·2	011·9	012·0	011·8	012·1	011·9	011·9	012·2	011·9	011·8	011·6	011·6	011·6	011·5	011·7	011·9	012·1	012·2	012·2	011·6
23	012·1	011·9	011·6	011·6	011·6	011·8	011·7	011·7	011·6	011·6	011·3	010·9	010·4	009·9	008·7	008·2	008·0	007·1	006·1	005·7	005·6	005·6	005·8	005·8	009·6
24	005·3	004·6	003·9	002·8	002·0	000·8	999·5	998·3	997·2	995·9	995·1	994·2	994·5	995·8	998·0	998·7	998·8	998·9	999·1	999·4	999·6	999·7	000·0	000·0	**999·4**
25	999·9	999·7	999·6	999·6	999·5	999·5	999·6	999·6	999·9	999·9	000·0	000·4	000·4	000·4	000·7	000·8	001·0	001·4	002·0	002·7	003·2	003·5	003·9	004·3	000·8
26	004·8	005·2	005·7	006·1	006·6	007·1	008·1	008·7	009·0	009·6	009·9	010·5	010·6	011·1	011·2	011·5	011·8	012·3	013·0	013·7	014·5	014·7	015·2	015·4	010·0
27	015·5	015·8	015·9	016·2	016·5	016·7	017·5	017·6	017·6	017·9	018·0	018·1	018·0	018·0	017·9	017·9	018·1	018·2	018·4	019·1	019·4	019·4	019·6	019·9	017·7
28	019·9	019·6	019·8	020·0	019·5	019·7	019·6	019·4	018·8	018·6	018·0	017·5	017·0	016·5	015·9	015·8	015·3	015·0	015·1	015·3	015·3	015·0	014·6	014·3	017·4
29	013·6	012·8	012·3	011·9	011·3	011·1	010·6	010·2	009·7	009·1	008·2	007·4	007·0	006·6	005·9	005·5	005·4	005·0	004·9	006·9	006·7	005·6	006·9	007·1	008·6
30	007·0	007·2	007·9	008·5	009·2	010·1	011·0	011·5	011·7	011·9	011·8	012·0	012·3	012·5	012·5	012·5	012·5	012·4	012·4	012·3	012·6	012·6	012·3	012·0	011·1
31	012·1	012·9	012·0	011·5	010·9	010·7	010·7	010·4	009·7	010·2	009·8	009·5	009·4	008·5	008·1	007·8	007·3	006·7	006·2	006·4	005·8	005·6	005·0	004·6	009·0
Mean ... (Station level)	1011 ·15	1011 ·09	1010 ·98	1010 ·92	1010 ·92	1011 ·13	1011 ·29	1011 ·32	1011 ·24	1011 ·25	1011 ·19	1011 ·07	1010 ·93	1010 ·81	1010 ·67	1010 ·60	**1010 ·57**	1010 ·58	1010 ·68	1011 ·07	1011 ·27	1011 ·31	**1011 ·42**	1011 ·35	1011 ·03
Mean ... (Sea level)	1012 ·41	1012 ·36	1012 ·25	1012 ·19	1012 ·19	1012 ·39	1012 ·55	1012 ·57	1012 ·49	1012 ·50	1012 ·43	1012 ·31	1012 ·16	1012 ·04	1011 ·91	1011 ·84	**1011 ·80**	1011 ·82	1011 ·93	1012 ·32	1012 ·53	1012 ·57	**1012 ·68**	1012 ·61	1012 ·28

387. Richmond (Kew Observatory) : H_b = 10·4 metres. **June, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	005·1	005·3	005·8	006·1	006·6	007·2	007·3	007·5	007·6	007·6	007·9	008·0	008·0	008·3	009·1	009·3	009·7	010·4	010·9	011·6	012·7	012·9	013·5	013·5	008·6
2	014·1	014·4	014·3	014·6	015·0	015·4	015·9	016·2	016·2	016·3	016·8	016·7	016·7	016·3	016·0	015·8	015·9	016·6	017·0	017·4	018·3	018·8	019·5	019·7	016·3
3	020·0	020·2	020·1	020·2	020·3	020·4	020·6	020·5	020·6	020·4	020·0	019·5	019·0	018·6	018·3	018·0	017·5	017·5	017·4	017·4	017·5	017·1	016·9	016·2	019·0
4	015·8	015·6	015·1	014·9	014·7	014·5	014·3	014·0	013·4	013·4	013·3	013·2	013·0	012·5	012·2	011·6	011·1	010·8	010·6	010·5	010·8	010·9	011·3	011·3	013·0
5	011·4	011·6	011·8	012·2	012·7	013·0	013·6	014·3	014·9	015·4	016·0	016·6	017·4	017·8	018·0	018·1	018·0	108·3	018·9	019·0	019·0	019·7	019·9	020·3	020·5	016·2
6	020·3	020·4	020·6	020·3	020·5	020·9	020·9	020·9	020·5	020·2	020·2	020·1	019·9	019·5	018·9	019·0	018·9	018·8	018·7	018·8	019·1	019·1	019·0	018·8	019·8
7	018·8	018·7	018·2	018·2	018·1	018·1	018·1	018·1	017·5	017·3	017·1	016·4	016·1	015·9	015·1	014·3	014·1	013·8	013·3	012·9	013·1	013·2	012·4	011·8	016·0
8	011·4	011·5	011·1	010·9	011·1	011·5	011·9	012·3	012·5	012·9	013·1	013·4	013·4	013·2	013·2	013·9	013·9	014·5	014·6	014·8	015·7	015·8	015·8	015·8	013·2
9	015·4	015·3	015·2	015·0	015·2	015·5	015·7	015·2	015·6	015·5	015·6	015·5	015·1	015·0	014·9	014·7	014·4	014·5	014·7	014·6	014·7	014·5	014·4	014·3	015·1
10	014·2	013·7	013·5	013·2	013·1	013·3	013·3	013·2	013·3	013·2	013·1	013·0	013·1	013·0	013·1	012·8	012·3	012·5	012·4	012·0	011·5	010·5	009·8	012·9	
11	008·7	007·6	006·4	005·8	005·1	004·2	003·4	003·3	002·4	001·7	001·0	000·2	999·5	998·9	998·4	998·3	998·0	997·8	997·6	997·6	997·7	997·3	997·2	997·1	001·3
12	996·7	996·3	996·2	996·0	996·1	996·2	996·2	996·3	996·3	996·4	996·9	997·2	997·3	997·6	997·8	998·4	999·2	999·8	000·7	001·8	002·9	003·5	004·7	005·3	**998·4**
13	006·1	006·9	008·0	008·6	009·5	010·2	011·1	012·0	013·0	013·9	015·3	016·1	016·9	017·4	017·9	018·4	019·0	019·6	020·3	021·2	021·8	022·3	022·9	023·1	015·1
14	023·3	023·3	023·8	024·0	023·8	024·4	024·7	025·2	025·4	025·8	025·7	025·7	025·6	025·4	025·2	025·1	024·9	024·7	024·7	024·8	024·7	024·8	024·7	024·8	024·7
15	024·6	024·2	023·9	023·6	023·4	023·2	023·2	022·7	022·6	022·1	022·8	C21·3	020·7	020·5	019·9	019·6	019·4	019·3	018·9	019·0	018·9	018·9	018·9	018·5	021·4
16	018·3	018·0	017·8	017·5	017·4	017·2	017·3	016·9	016·5	016·4	C16·0	015·5	014·9	014·6	014·3	013·9	013·6	013·5	013·4	013·4	013·2	013·2	013·1	015·7	
17	012·8	012·1	011·4	011·1	010·6	010·4	009·8	009·1	008·4	008·0	007·9	007·4	006·8	006·4	006·2	005·6	005·1	005·0	005·0	004·7	005·5	006·4	007·1	007·6	008·0
18	008·0	008·6	008·6	008·9	009·5	010·2	010·6	010·9	011·0	011·0	011·4	011·2	011·0	011·0	011·0	011·0	010·9	010·9	010·9	011·0	011·1	011·2	011·8	010·8	010·5
19	010·9	010·4	010·0	010·2	010·6	010·8	011·1	011·2	011·3	011·4	011·5	011·6	011·7	011·9	012·0	012·3	012·6	012·9	013·3	013·6	013·7	014·1	014·3	011·8	
20	014·0	013·9	014·2	014·4	014·5	015·1	015·5	015·6	015·7	015·9	016·1	016·3	016·2	016·0	016·1	016·1	016·5	017·0	017·3	017·8	018·3	018·5	019·1	019·2	016·1
21	019·4	019·4	019·3	019·2	019·4	019·5	019·5	019·4	019·2	019·0	018·9	018·6	018·1	017·7	017·5	017·4	017·4	017·4	017·5	017·7	018·2	018·3	018·4	018·2	018·5
22	018·2	018·2	018·4	018·7	019·1	019·5	019·9	020·3	020·3	020·3	020·4	020·3	020·5	020·5	020·4	020·6	020·6	021·0	021·2	021·6	021·9	022·2	022·6	022·7	020·3
23	022·9	022·7	022·7	022·7	022·7	022·6	022·7	022·7	023·0	022·9	022·7	022·3	022·1	021·8	021·7	021·7	021·6	021·7	021·6	022·1	022·7	022·8	022·8	022·9	022·4
24	022·9	022·7	022·5	022·5	022·2	022·2	022·5	022·7	022·6	022·5	022·3	022·2	022·1	022·2	022·0	022·0	022·3	022·4	022·8	023·5	023·6	023·8	024·0	022·6	
25	024·1	024·1	024·3	024·5	024·8	025·0	025·3	025·8	025·8	025·7	025·6	025·4	025·0	024·9	024·7	024·7	024·5	024·3	024·2	024·4	024·9	025·1	025·4	025·1	**024·9**
26	025·0	024·6	024·4	024·2	024·1	024·2	024·5	024·4	024·1	023·8	023·3	022·6	021·8	021·4	020·9	020·3	020·1	019·8	019·6	019·1	019·0	018·7	018·6	018·6	022·1
27	017·7	017·1	017·0	016·9	017·1	017·2	017·1	016·9	016·9	016·9	017·1	017·0	016·8	016·4	015·8	015·5	015·4	015·5	015·6	016·1	016·7	017·3	017·4	017·5	016·7
28	017·4	017·8	017·8	017·9	018·1	018·3	018·6	018·8	018·5	018·8	018·8	018·5	018·4	018·1	017·6	017·2	016·8	016·7	016·5	016·6	016·5	016·2	015·9	015·4	017·6
29	015·0	014·5	013·8	013·5	013·1	013·2	013·1	013·1	013·2	012·9	012·3	011·9	011·5	011·4	011·0	010·9	011·0	011·0	011·0	011·0	011·1	011·1	011·1	010·8	012·4
30	010·6	010·3	009·9	010·2	010·4	010·5	010·5	011·2	011·1	011·3	011·5	011·6	011·9	012·0	012·1	012·6	012·8	013·4	014·2	015·0	015·9	016·2	016·3	016·5	012·3
Mean (Station level)	1015 ·44	1015 ·31	1015 ·20	1015 ·22	1015 ·30	1015 ·49	1015 ·63	1015 ·75	1015 ·67	1015 ·65	1015 ·72	1015 ·56	1015 ·38	1015 ·22	1015 ·06	1014 ·99	**1014 ·92**	1015 ·03	1015 ·14	1015 ·35	1015 ·73	1015 ·83	**1015 ·99**	1015 ·91	1015 ·43
Mean (Sea level)	1016 ·69	1016 ·57	1016 ·46	1016 ·48	1016 ·56	1016 ·75	1016 ·88	1017 ·00	1016 ·92	1016 ·89	1016 ·96	1016 ·79	1016 ·61	1016 ·45	1016 ·29	1016 ·22	**1016 ·15**	1016 ·26	1016 ·37	1016 ·59	1016 ·98	1017 ·08	**1017 ·24**	1017 ·16	1016 ·67
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17	18.	19.	20.	21.	22.	23.	24.	Mean

Station Level

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

388. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **July, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	016·6	016·9	016·9	017·0	016·8	016·7	016·9	016·6	016·2	015·9	015·9	015·5	014·7	014·0	013·5	013·1	012·9	012·4	012·0	011·6	011·3	010·9	010·0	009·1	014·5
2	008·4	007·2	006·0	005·2	004·0	003·0	002·3	001·7	001·3	001·0	000·7	000·8	000·7	000·7	000·6	000·7	000·7	001·0	001·3	001·6	001·7	001·9	002·0	001·5	002·5
3	001·0	000·7	000·1	999·7	999·2	998·8	998·2	997·9	997·4	996·9	996·1	995·0	994·0	993·0	991·6	990·5	989·8	989·5	989·7	991·2	993·4	995·3	996·6	997·9	**995·6**
4	999·1	999·8	000·9	001·4	001·8	002·5	003·1	003·6	003·8	003·6	003·6	003·6	003·2	003·1	002·9	003·0	002·7	002·3	002·3	002·7	003·1	003·4	004·3	004·9	002·5
5	005·6	006·1	006·7	007·1	007·7	008·2	008·6	008·9	009·1	009·4	009·9	009·9	010·0	010·0	009·8	009·6	009·4	009·4	009·1	008·9	009·0	009·0	008·6	007·7	008·6
6	006·9	006·6	006·9	007·3	007·5	008·0	009·0	009·6	010·0	010·8	011·3	011·6	012·3	012·7	012·8	012·9	013·2	013·5	014·0	014·6	015·4	015·5	015·7	015·7	011·2
7	015·7	015·6	015·3	015·0	014·7	014·5	014·7	014·8	014·9	015·0	015·4	015·3	015·4	015·4	015·3	015·3	015·3	015·5	015·7	016·1	016·5	017·0	017·4	017·4	015·5
8	017·8	017·8	017·8	017·9	018·1	018·3	018·7	018·6	018·5	018·5	018·1	017·7	016·9	016·2	015·6	015·2	015·0	015·0	014·8	014·8	014·8	014·5	014·4	014·0	016·7
9	013·9	013·5	013·1	013·0	012·8	013·3	013·4	013·7	013·9	014·1	014·5	014·8	015·3	015·5	015·3	016·1	016·6	017·1	017·5	017·7	018·9	019·3	019·9	020·1	015·4
10	020·3	020·4	020·3	020·5	020·9	021·3	021·3	021·1	020·9	020·8	020·7	020·8	020·7	020·5	020·1	020·0	020·1	020·3	020·3	020·6	021·0	021·2	021·4	021·4	020·7
11	021·1	021·1	021·1	021·2	021·5	021·9	022·0	022·1	021·8	021·7	021·7	021·3	020·9	020·4	019·9	019·4	019·3	019·2	019·2	019·1	019·1	019·0	019·0	018·6	020·5
12	018·2	018·1	017·6	017·2	016·9	016·5	016·0	015·1	014·6	014·0	013·4	012·8	011·8	011·3	010·7	010·2	009·4	009·2	009·3	009·5	009·9	010·2	011·4	011·7	013·3
13	012·2	012·7	012·9	013·3	013·8	014·1	014·8	014·9	014·9	015·4	015·7	016·0	015·7	017·1	017·4	017·9	018·5	019·1	020·0	020·7	022·0	022·6	023·5	024·2	016·8
14	024·4	024·8	025·1	025·2	025·2	025·9	026·2	026·5	026·7	026·8	026·5	026·3	025·7	025·5	025·1	024·8	024·4	024·1	024·3	024·4	024·6	024·4	024·3	024·0	**025·2**
15	023·6	023·0	022·5	022·2	021·8	021·9	021·6	021·0	020·6	020·1	019·4	018·5	017·6	017·0	016·4	015·8	015·0	014·4	014·2	013·9	013·5	013·1	012·7	012·1	018·2
16	011·4	010·5	010·2	010·0	009·7	009·5	009·5	009·3	009·4	009·5	009·8	009·6	009·3	009·1	009·0	009·0	009·2	009·5	010·1	010·4	011·2	011·7	012·0	012·0	010·0
17	011·8	012·0	012·2	012·3	012·2	012·1	011·8	011·6	011·2	010·6	010·2	009·9	008·8	008·0	006·7	005·6	003·8	002·1	000·2	998·5	997·8	998·3	999·9	001·5	007·3
18	003·2	004·6	005·6	006·5	007·3	008·0	008·4	009·2	009·5	009·9	010·3	010·4	010·5	011·1	011·3	011·4	011·4	011·4	011·7	012·2	012·6	012·6	012·7	012·8	009·5
19	012·3	012·3	012·2	012·2	012·3	012·5	012·6	012·7	012·5	012·4	012·8	012·7	012·5	012·4	012·3	012·3	012·5	012·6	012·8	013·2	013·6	014·0	014·3	014·4	012·7
20	014·7	014·5	014·6	014·6	014·8	015·0	015·2	014·9	014·9	014·7	014·4	014·3	014·1	013·6	013·2	012·9	012·7	012·8	012·8	012·9	013·1	012·7	012·2	011·8	013·9
21	011·8	011·5	010·7	010·6	010·4	010·2	010·5	009·9	010·2	009·6	009·5	010·3	009·5	009·5	009·4	009·5	009·6	009·7	010·0	010·2	010·5	010·4	010·3	010·5	010·2
22	010·6	010·2	010·3	010·2	010·1	010·5	010·4	010·2	009·8	009·3	009·0	008·7	008·3	008·4	008·6	008·5	007·9	008·2	008·1	008·1	008·4	008·3	008·6	008·6	009·2
23	008·7	008·9	009·2	009·9	010·2	010·7	011·4	011·6	011·7	011·9	012·2	012·3	012·3	012·4	011·9	011·6	011·2	011·2	011·3	011·6	011·7	011·2	010·8	010·2	011·1
24	009·8	009·6	010·2	010·6	011·2	011·6	011·9	012·3	012·2	012·4	012·3	012·3	012·1	012·0	012·1	012·1	011·9	012·0	012·1	012·6	013·1	013·7	014·0	014·1	011·9
25	014·1	014·3	014·4	014·4	014·7	014·7	014·9	014·9	015·1	015·3	015·0	015·0	014·8	014·6	014·4	014·1	013·7	013·4	012·9	012·5	011·9	011·2	010·6	009·9	013·9
26	009·4	009·0	009·3	010·1	010·1	010·9	011·7	012·0	012·7	013·1	013·2	013·5	013·7	013·6	014·4	015·3	015·3	015·7	016·3	016·7	017·2	017·5	017·5	017·5	013·4
27	017·6	017·5	017·5	017·4	017·4	017·4	017·4	017·1	016·9	016·6	016·4	016·2	016·1	015·5	014·9	014·3	013·8	013·6	013·3	013·5	013·3	012·8	012·3	011·2	015·6
28	010·3	009·4	008·1	007·3	006·2	005·1	004·2	003·3	002·5	001·3	001·1	000·1	998·9	998·0	997·4	996·4	995·7	995·2	995·0	995·1	995·4	995·5	995·5	995·6	000·9
29	995·6	995·4	995·1	995·2	995·2	995·3	995·4	995·5	995·6	995·6	995·8	996·2	996·2	996·6	997·2	997·2	997·7	998·0	998·7	999·7	000·5	000·8	001·4	001·8	997·0
30	002·0	002·6	002·8	003·1	003·7	004·3	004·6	004·9	005·2	005·4	005·6	005·4	005·4	005·5	005·5	005·6	005·6	005·9	006·6	007·6	008·4	008·9	009·3	009·6	005·4
31	009·9	010·1	010·2	010·5	011·2	011·5	012·1	012·3	012·6	012·9	013·1	013·1	013·4	013·3	013·6	013·7	014·0	014·5	014·9	015·1	015·4	015·6	015·7	015·5	013·0
Mean (Station level)	1011 ·55	1011 ·51	1011 ·48	1011 ·55	1011 ·59	1011 ·75	**1011 ·90**	1011 ·87	1011 ·84	1011 ·77	1011 ·75	1011 ·62	1011 ·32	1011 ·16	1010 ·93	1010 ·77	1010 ·59	**1010 ·57**	1010 ·66	1010 ·88	1012 ·23	1012 ·37	1011 ·56	1011 ·53	1011 ·37
Mean (Sea level)	1012 ·80	1012 ·76	1012 ·73	1012 ·80	1012 ·84	1013 ·00	**1013 ·14**	1013 ·11	1013 ·08	1013 ·01	1012 ·97	1012 ·85	1012 ·54	1012 ·38	1012 ·15	1011 ·99	1011 ·81	**1011 ·79**	1011 ·88	1011 ·11	1012 ·47	1012 ·61	1012 ·80	1012 ·77	1012 ·60

389. Richmond (Kew Observatory) : H_b = 10·4 metres. **August, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	015·5	015·4	015·4	015·4	015·4	015·4	015·2	015·1	015·2	014·8	014·6	014·0	013·7	013·4	013·2	012·5	012·1	011·7	011·6	011·5	011·3	010·9	010·4	010·1	013·6
2	009·6	008·9	008·4	008·1	007·8	007·9	007·9	008·1	008·4	009·0	009·6	009·6	010·4	010·2	010·6	010·9	011·2	011·7	012·0	012·4	013·0	013·3	013·6	013·9	010·2
3	014·0	014·0	014·2	014·3	014·5	014·6	014·6	014·6	014·6	014·6	014·3	014·3	014·3	014·4	014·4	013·7	013·3	013·1	012·2	011·8	010·8	010·0	009·3	008·5	013·4
4	008·1	007·7	007·5	007·8	008·3	009·0	009·8	010·2	010·6	010·8	011·0	011·3	011·5	011·7	011·7	011·6	011·5	011·6	011·9	011·8	011·9	011·9	011·8	010·5	
5	011·7	011·6	011·4	011·2	011·3	011·3	011·5	011·2	011·3	011·5	011·5	011·3	010·8	010·8	010·7	010·9	011·7	012·0	012·4	013·1	013·9	014·6	014·9	015·4	011·9
6	015·8	015·6	015·9	016·1	016·3	016·7	017·0	017·3	017·5	017·6	017·2	017·1	016·9	016·6	015·7	015·5	015·5	015·2	015·4	016·2	016·9	017·3	017·6	017·6	016·5
7	017·6	017·7	017·9	018·0	018·2	018·6	019·2	019·5	019·7	019·9	020·1	020·0	019·7	020·2	020·2	020·3	020·9	021·4	022·1	022·8	023·5	023·7	024·0	024·2	020·3
8	024·6	025·1	025·4	025·6	026·2	026·8	027·3	027·8	028·0	028·4	028·7	028·7	028·5	028·5	028·6	028·5	028·5	028·5	028·7	029·1	029·8	030·0	030·3	030·4	027·9
9	030·3	030·3	030·2	030·0	030·1	030·2	030·1	030·2	030·2	030·1	029·8	029·6	029·0	028·3	027·7	027·3	026·9	026·8	026·9	027·3	027·6	027·4	027·4	027·1	**028·9**
10	026·8	026·5	026·1	025·8	025·4	025·4	025·2	024·9	024·0	023·6	023·2	022·8	021·8	020·9	020·1	019·4	019·0	018·7	018·6	018·3	018·1	017·6	017·0	016·4	022·1
11	015·7	015·0	014·1	013·5	013·3	013·1	013·1	012·8	012·0	011·4	010·6	009·8	009·3	008·7	007·9	007·7	007·4	007·1	006·9	007·0	006·8	006·7	006·7	006·5	010·3
12	005·8	005·3	004·8	004·5	004·2	004·0	004·0	004·1	003·9	003·8	003·8	003·7	003·6	003·5	003·2	002·9	003·4	003·7	003·9	004·0	004·4	004·6	004·8	004·7	004·1
13	004·5	004·4	004·3	004·3	004·4	004·4	004·6	004·5	004·6	004·7	005·0	005·2	005·3	005·7	005·9	005·9	006·1	006·3	006·6	007·0	007·4	007·6	007·6	007·8	005·6
14	008·1	008·3	008·3	008·5	008·8	008·9	009·4	009·4	009·5	009·4	009·1	008·9	009·0	009·1	009·0	009·0	008·8	008·6	008·5	008·2	008·4	008·4	008·4	008·8	
15	008·6	008·8	009·1	009·6	010·0	011·0	011·7	011·9	011·9	012·0	011·9	012·0	012·0	012·1	011·9	012·2	011·6	011·6	011·4	011·2	010·9	010·9	010·4	009·9	011·0
16	009·2	008·9	008·2	007·4	006·7	006·4	006·0	005·4	004·7	004·0	003·6	002·8	002·3	002·0	001·7	001·6	001·4	001·6	001·4	001·7	001·4	001·3	001·1	000·8	004·0
17	000·6	000·4	000·2	000·1	999·8	999·1	998·3	997·7	996·6	995·3	994·4	992·9	992·3	992·3	992·0	992·1	992·4	992·2	992·2	992·1	991·6	990·8	990·6	990·9	**995·1**
18	991·8	992·5	993·1	993·6	994·1	994·5	995·3	996·0	996·6	997·2	997·6	997·6	997·8	997·9	998·6	999·0	999·1	999·4	999·8	000·4	000·8	000·8	000·8	000·6	997·1
19	000·5	000·4	000·1	000·0	999·8	999·8	999·4	999·6	999·6	999·4	999·2	999·4	999·1	999·0	998·9	998·8	998·7	998·9	999·2	999·4	999·5	999·3	999·3	999·1	999·5
20	999·0	998·8	998·6	998·4	998·2	998·4	998·4	998·6	998·3	998·6	998·5	997·8	997·6	997·4	997·3	997·3	997·2	997·6	997·9	998·3	998·7	999·1	999·5	999·7	998·3
21	999·7	999·7	999·8	999·8	999·9	000·2	000·2	000·2	000·2	000·3	000·4	000·5	000·9	000·9	000·5	000·3	000·3	000·5	000·8	001·4	001·7	002·0	002·4	002·4	000·6
22	002·4	002·2	002·2	001·9	002·0	002·2	002·5	002·7	002·8	002·9	002·4	002·2	002·6	002·5	002·5	002·3	002·4	002·8	003·0	003·3	003·4	003·2	003·2	003·0	002·6
23	002·8	002·6	002·5	002·4	002·4	002·5	002·9	003·2	003·6	003·7	004·1	004·2	004·2	004·5	004·7	004·6	004·9	005·9	006·5	007·4	008·0	008·5	009·1	009·5	004·6
24	009·9	010·2	010·1	010·2	010·5	010·9	011·6	012·0	012·6	012·8	013·3	013·7	013·8	013·8	014·2	014·6	015·2	015·5	016·2	016·8	017·0	017·3	017·5	017·7	013·5
25	018·0	018·3	018·7	019·0	019·2	019·6	020·3	020·5	020·9	021·0	021·0	021·0	020·9	020·8	020·6	020·5	020·3	020·2	020·2	020·2	020·0	020·0	020·0	019·8	020·0
26	019·3	019·3	019·2	019·0	018·9	019·1	019·2	019·1	019·0	018·7	018·3	017·8	017·5	017·0	016·6	016·0	015·6	015·2	015·1	015·1	015·0	014·6	014·4	014·1	017·3
27	013·7	013·2	013·0	012·7	012·7	012·7	012·8	012·8	013·0	013·2	013·2	013·1	013·2	013·2	012·9	013·1	013·2	013·6	014·4	014·9	015·2	015·4	015·5	015·7	013·6
28	015·7	015·6	015·6	015·7	015·6	015·8	016·0	016·0	015·8	015·5	015·2	014·5	014·3	013·9	013·5	013·0	012·4	011·7	011·4	011·2	010·6	010·0	009·6	009·3	013·8
29	008·6	008·2	007·5	006·7	005·9	005·6	005·2	005·0	004·7	004·4	004·4	003·9	003·8	004·0	004·0	004·1	004·2	004·4	004·9	005·3	005·4	005·3	005·1	005·2	005·3
30	005·1	004·8	004·5	004·1	003·5	003·4	003·3	003·4	003·5	003·5	003·9	003·8	003·7	003·6	003·6	003·7	003·9	004·2	004·4	004·7	005·4	005·8	005·9	005·8	005·7
31	005·4	005·2	004·7	004·5	004·1	004·1	004·2	004·3	004·5	004·2	004·4	004·4	004·5	004·2	004·4	004·5	004·5	004·7	005·4	006·4	007·0	007·3	008·0	008·4	005·1
Mean (Station level)	1010 ·27	1010 ·16	1010 ·03	1009 ·94	1009 ·92	1010 ·05	1010 ·20	1010 ·26	1010 ·25	1010 ·20	1010 ·14	1009 ·93	1009 ·82	1009 ·71	1009 ·58	**1009 ·48**	1009 ·48	1009 ·57	1009 ·74	1010 ·05	1010 ·18	1010 ·18	1010 ·20	1010 ·15	1009 ·98
Mean (Sea level)	1011 ·52	1011 ·41	1011 ·28	1011 ·19	1011 ·17	1011 ·30	1011 ·45	1011 ·50	1011 ·49	1011 ·44	1011 ·37	1011 ·16	1011 ·04	1010 ·94	1010 ·80	**1010 ·70**	1010 ·71	1010 ·80	1010 ·98	1011 ·29	1011 ·42	1011 ·43	1011 ·45	1011 ·39	1011 ·22
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

Readings in millibars at exact hours, Greenwich Mean Time.

390. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **September, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	008·8	009·0	009·1	009·3	009·6	009·9	010·5	010·9	011·6	011·9	012·2	012·3	012·7	013·0	013·4	013·6	013·8	014·2	014·7	015·4	015·8	015·7	016·1	016·3	012·3
2	016·5	016·8	017·2	017·2	017·3	017·8	018·1	018·6	018·9	019·0	019·2	019·5	019·6	019·6	019·9	019·9	020·0	020·2	020·5	021·3	021·6	021·7	021·8	022·1	019·2
3	021·9	022·0	021·8	021·7	021·6	021·5	021·3	021·4	021·3	020·9	020·7	020·7	020·5	020·3	019·9	019·7	019·7	019·8	019·8	020·0	020·5	020·5	020·3	020·1	020·8
4	019·7	019·6	019·2	018·8	018·5	018·3	018·0	018·0	018·0	018·0	017·8	017·5	017·1	016·8	016·3	016·2	015·7	015·5	015·6	015·6	015·4	015·3	015·0	014·6	017·2
5	014·1	013·7	013·3	013·1	012·7	012·7	012·6	012·6	012·2	011·9	011·6	011·4	010·8	010·3	009·8	009·5	009·2	009·2	009·3	009·5	009·5	009·6	009·6	009·4	011·3
6	009·3	009·3	009·3	009·0	008·7	008·8	008·7	008·6	008·5	008·3	007·9	007·7	006·8	006·3	005·5	005·4	005·1	005·1	005·1	004·6	004·6	004·6	004·3	004·1	007·0
7	003·8	003·7	003·4	003·0	002·4	002·3	002·1	002·1	002·6	002·3	001·8	001·6	001·1	000·7	000·3	000·1	999·4	998·9	998·9	999·1	998·9	999·3	999·4	999·5	001·2
8	999·7	998·8	999·3	999·7	999·5	000·0	000·3	000·9	001·4	001·8	002·3	002·7	003·1	003·2	003·5	003·6	003·3	003·4	003·4	003·7	003·5	003·1	002·8	001·9	001·8
9	001·0	000·0	998·8	997·7	997·2	996·7	996·5	995·4	994·9	994·4	994·0	995·0	995·3	995·8	996·0	996·8	998·4	999·4	000·8	002·5	003·5	005·1	005·5	006·9	**998·6**
10	007·7	008·5	009·2	009·9	010·2	011·1	011·5	012·3	012·9	013·1	013·4	013·6	013·7	013·6	013·5	013·6	013·7	013·7	013·8	014·0	013·8	013·7	013·2	012·6	012·2
11	012·0	011·1	010·3	009·6	008·6	008·3	008·1	007·7	007·7	007·4	007·4	007·5	007·5	007·3	007·2	007·2	007·4	007·7	008·0	008·6	009·0	009·0	009·2	009·2	008·5
12	009·0	008·9	008·7	008·8	008·7	009·1	009·6	009·7	010·0	010·1	010·0	009·9	009·5	009·3	009·3	009·4	009·1	008·8	008·9	008·9	008·9	008·9	009·0	009·2	009·2
13	009·2	008·9	008·8	008·9	008·9	009·4	009·6	009·6	009·7	009·8	009·6	009·7	009·7	009·5	009·3	009·3	009·3	009·4	009·5	009·7	009·4	009·1	008·9	008·5	009·3
14	008·3	007·9	007·9	008·1	008·5	009·6	010·5	011·2	011·9	012·6	013·3	014·1	014·7	015·4	015·9	016·7	017·4	018·2	019·2	019·9	020·2	020·3	020·3	020·4	014·0
15	020·5	020·5	020·8	020·5	020·3	020·7	021·2	021·4	021·2	020·9	020·5	019·9	019·5	019·1	018·4	017·6	016·9	016·9	016·1	015·8	015·6	014·8	014·3	013·4	018·8
16	012·5	011·9	011·7	012·0	011·4	012·1	012·3	012·3	012·7	012·9	012·8	012·9	012·7	012·7	012·6	012·4	012·0	012·0	012·3	012·3	012·0	011·6	011·7	011·5	012·3
17	011·1	010·7	010·5	010·6	010·6	010·5	010·8	011·0	011·2	011·5	011·3	011·2	011·1	010·7	011·1	010·9	011·0	011·1	011·5	012·0	012·9	013·2	013·6	014·1	011·4
18	014·2	014·6	015·1	015·7	016·0	016·7	017·6	018·1	018·6	018·9	018·9	019·3	019·3	019·3	019·5	019·7	019·9	020·1	020·8	021·1	021·3	021·2	021·3	021·1	018·5
19	021·0	020·7	020·2	020·4	020·0	020·0	019·8	019·8	019·3	018·6	018·0	017·1	015·9	015·1	014·1	013·0	012·2	011·1	010·5	009·5	008·4	007·6	005·8	004·8	015·4
20	004·0	003·6	003·1	002·9	003·0	003·3	003·7	004·1	004·4	004·3	004·5	004·3	003·5	002·6	001·6	000·4	999·5	998·6	997·8	997·2	996·7	996·6	996·5	997·3	001·5
21	998·0	998·3	999·0	000·0	000·7	001·9	003·4	004·5	005·3	005·7	006·0	005·9	005·7	005·4	005·3	004·8	004·5	004·5	004·1	003·6	002·7	001·9	001·2	003·2	
22	000·6	000·3	999·5	999·1	998·7	998·6	998·7	999·1	999·8	000·1	000·7	001·1	002·4	003·2	004·7	005·9	006·2	006·7	007·0	007·2	007·0	006·5	005·5	004·8	002·6
23	003·2	001·5	000·2	999·2	998·2	998·4	998·4	998·6	998·5	998·6	998·5	998·5	998·1	998·0	997·5	997·4	997·4	997·5	997·6	997·8	997·8	997·3	997·3	997·3	**998·6**
24	997·4	997·5	997·7	998·2	998·8	999·7	000·6	001·7	002·4	003·1	003·5	004·2	004·0	003·7	003·4	003·6	004·0	004·7	005·2	005·7	005·7	005·7	005·6	005·3	002·4
25	004·9	004·7	004·4	004·2	003·8	003·7	003·5	003·2	002·6	002·2	002·2	001·9	001·7	001·6	001·5	001·6	001·6	002·3	002·7	002·8	002·7	002·9	002·9	002·9	002·9
26	003·1	003·2	003·3	003·4	003·9	004·2	004·9	005·4	006·0	006·2	006·3	006·6	006·9	007·2	007·4	007·8	008·3	008·9	009·5	010·0	010·2	011·6	011·3	011·8	006·8
27	012·1	012·3	013·0	013·5	013·8	014·9	016·1	017·2	018·1	019·0	019·5	019·9	020·1	020·5	021·0	021·6	022·4	023·3	024·2	024·9	025·5	025·7	025·9	026·0	019·3
28	026·0	026·2	026·0	026·1	026·0	026·1	026·5	026·6	026·5	026·4	026·0	025·4	024·6	023·9	023·2	022·8	022·5	022·5	022·4	022·3	021·5	021·3	020·3	019·9	**024·3**
29	019·0	018·4	017·5	017·2	016·5	016·0	015·6	015·3	014·5	013·9	012·5	011·3	010·2	009·3	008·2	007·6	006·0	005·9	005·5	005·0	004·1	003·8	003·3	002·9	011·2
30	002·4	002·1	001·2	000·6	000·3	000·3	999·8	999·9	999·5	999·2	998·4	997·9	997·6	996·9	996·5	996·3	996·5	996·9	996·7	996·9	997·4	997·6	997·8	998·3	998·7
Mean (Station level)	1009 ·70	1009 ·49	1009 ·32	1009 ·28	**1009 ·15**	1009 ·42	1009 ·68	1009 ·91	1010 ·07	**1010 ·10**	1010 ·02	1010 ·02	1009 ·85	1009 ·69	1009 ·53	1009 ·50	1009 ·42	1009 ·55	1009 ·74	1009 ·90	1009 ·90	1009 ·83	1009 ·70	1009 ·57	1009 ·65
Mean (Sea level)	1010 ·95	1010 ·74	1010 ·57	1010 ·53	**1010 ·40**	1010 ·67	1010 ·93	1011 ·15	1011 ·32	**1011 ·34**	1011 ·25	1011 ·26	1011 ·09	1010 ·92	1010 ·76	1010 ·73	1010 ·66	1010 ·79	1010 ·98	1011 ·16	1011 ·15	1011 ·07	1010 ·95	1010 ·82	1010 ·93

391. Richmond (Kew Observatory) : H_b = 10·4 metres. **October, 1924.**

	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	998·4	998·9	999·2	000·4	001·3	002·2	002·8	003·6	004·1	004·5	005·6	006·1	006·4	006·8	007·2	007·7	008·0	008·6	008·9	009·4	009·6	009·7	009·6	009·6	005·1
2	009·4	009·4	009·3	009·3	009·3	009·2	009·3	009·4	009·2	008·9	008·6	008·2	007·5	007·1	006·3	006·2	006·0	005·8	005·7	005·9	005·8	005·7	005·5	005·3	007·7
3	005·0	004·6	004·4	004·3	004·3	004·3	004·3	004·5	004·5	004·6	004·6	004·5	004·5	004·4	004·4	004·4	004·6	004·9	005·4	005·6	005·9	006·4	006·4	006·3	006·4	004·9
4	006·5	006·7	006·7	007·2	007·6	008·2	008·8	009·0	009·0	009·2	009·4	009·5	009·5	009·3	009·3	008·7	008·6	008·0	008·3	008·1	008·2	007·8	007·4	006·7	006·2	008·1
5	005·5	005·1	004·5	003·7	003·2	002·9	002·7	002·6	002·0	001·6	000·8	000·6	000·2	000·1	999·8	999·9	999·8	999·8	999·1	998·8	998·3	998·4	998·5	999·4	001·3
6	000·8	001·9	002·9	003·7	004·5	005·5	006·3	006·9	007·0	007·0	006·8	006·4	005·8	005·2	004·4	003·9	003·4	003·2	003·1	002·7	002·0	000·9	001·1	001·6	004·0
7	002·4	003·0	003·8	004·9	005·8	006·4	007·4	008·1	008·9	009·3	009·6	009·7	009·5	009·5	009·1	008·7	008·4	008·2	008·1	008·3	006·9	005·6	004·8	003·6	007·0
8	002·4	999·4	997·9	996·5	995·2	994·4	994·4	994·6	994·7	996·0	997·8	001·4	004·2	006·5	007·7	009·2	010·2	011·6	012·6	013·2	013·7	013·7	013·6	013·4	003·7
9	013·2	013·2	013·0	013·4	014·1	014·5	015·1	016·1	016·4	016·7	017·0	017·1	017·2	017·1	016·9	017·0	017·0	016·6	016·5	016·2	015·9	015·7	015·2	015·2	015·6
10	015·0	014·9	014·5	014·6	014·5	014·3	014·8	014·8	014·6	014·8	014·9	014·7	014·2	013·8	013·6	013·5	013·4	013·5	013·5	013·2	013·3	013·0	013·1	014·1	
11	012·7	012·8	012·6	012·7	012·7	012·9	013·2	013·5	013·9	014·4	014·9	014·8	014·7	014·7	014·7	014·9	015·0	015·3	015·2	015·4	015·7	015·5	016·0	016·3	014·3
12	016·8	017·0	017·1	017·7	018·3	018·6	019·6	020·5	021·0	021·3	021·6	021·6	021·4	021·3	021·2	021·3	021·5	021·8	022·1	022·3	022·4	022·5	022·6	022·7	020·5
13	023·0	022·9	022·9	023·1	023·4	023·7	024·3	024·7	025·0	025·3	025·5	025·5	025·2	025·5	025·6	026·0	026·4	026·9	027·4	027·9	028·2	028·4	028·5	028·8	025·5
14	028·8	028·9	028·9	029·1	029·3	029·4	029·6	030·0	030·1	030·0	029·8	029·5	028·9	028·6	028·1	028·0	028·0	028·4	028·4	028·5	028·7	028·9	028·8	028·8	**029·0**
15	028·9	028·8	028·5	028·5	028·3	028·2	028·1	028·3	028·3	028·1	028·0	027·6	026·9	026·6	026·4	026·3	026·2	026·3	026·0	026·0	026·0	025·9	025·8	025·9	027·3
16	025·7	025·2	024·7	024·6	024·4	024·4	024·6	024·7	024·8	024·9	024·7	024·4	023·9	023·5	023·5	023·5	023·4	023·6	023·8	024·0	024·1	023·9	023·9	024·1	024·3
17	024·1	023·9	023·9	024·0	023·9	023·9	024·0	024·5	024·9	025·0	025·1	025·1	025·1	025·1	025·0	025·2	025·4	026·0	026·3	026·4	026·5	026·6	026·3	026·7	025·1
18	026·7	026·4	025·6	025·7	025·4	025·4	025·2	025·0	024·9	024·5	023·6	022·7	021·8	020·9	020·0	019·7	019·2	019·0	018·7	018·2	017·8	017·2	016·6	015·8	022·1
19	015·2	014·3	013·7	012·9	012·4	011·9	011·8	011·5	011·3	010·7	010·0	009·3	008·5	007·8	007·2	006·8	006·4	006·3	006·2	005·8	005·9	005·9	005·8	006·0	009·5
20	006·0	005·8	006·1	006·1	006·3	006·6	007·0	007·3	007·7	008·2	008·7	008·5	008·5	008·5	008·9	009·0	009·6	010·1	010·6	010·7	010·9	011·0	011·1	011·2	008·4
21	010·9	010·7	010·5	010·3	010·1	010·0	010·0	009·9	009·7	009·6	009·0	008·2	007·5	006·7	006·0	005·6	004·6	004·7	004·0	003·5	003·4	003·0	002·7	002·7	007·4
22	002·7	003·0	003·5	004·6	006·5	008·1	010·2	011·9	013·7	014·4	015·4	016·4	017·2	018·2	019·3	020·3	021·9	023·0	023·5	024·4	025·2	025·6	026·3	026·7	015·4
23	026·9	027·2	027·3	027·6	028·1	028·7	029·6	030·0	030·1	030·3	030·1	029·6	029·3	029·2	029·1	029·1	029·3	029·5	029·5	029·4	029·2	028·5	027·9	027·4	028·9
24	027·1	026·5	026·0	025·3	024·6	024·3	023·9	023·6	023·1	022·4	021·2	020·2	019·3	018·3	017·7	016·8	016·5	016·3	015·9	015·2	014·3	013·8	013·4	012·8	020·2
25	012·1	011·5	011·0	010·4	009·7	009·1	009·1	009·2	009·2	009·0	009·1	008·5	008·2	008·2	007·9	007·8	008·1	008·1	008·0	007·9	007·8	007·6	006·7	006·6	008·9
26	005·9	005·6	004·8	004·2	003·3	002·8	002·7	002·3	001·8	001·8	001·5	000·1	999·3	999·2	999·1	999·0	999·1	999·3	999·4	999·5	999·9	000·1	000·8	001·3	001·5
27	001·5	001·9	002·3	002·7	002·9	003·1	003·6	003·8	003·8	003·6	003·6	003·2	002·7	002·2	001·5	001·0	000·3	000·2	000·1	001·2	001·6	002·0	002·5	003·0	002·3
28	003·6	003·9	004·1	004·1	004·4	004·9	005·5	006·0	006·3	006·7	006·8	006·6	006·3	006·1	006·5	006·3	006·7	007·1	007·4	007·6	007·7	008·0	008·2	008·8	006·1
29	009·2	008·9	009·1	009·0	009·1	009·1	009·2	008·7	008·4	008·4	007·8	007·2	006·2	004·9	003·5	002·3	001·1	000·1	998·6	997·3	996·2	995·9	996·0	996·3	004·5
30	996·6	997·7	998·7	999·0	999·5	999·9	999·8	999·5	999·0	998·0	998·3	997·2	996·7	997·0	997·1	997·4	997·9	998·6	999·0	999·8	000·1	000·7	000·8	001·0	**998·6**
31	000·8	000 5	999·9	999·5	998·5	997·4	996·9	997·2	998·2	999·8	001·2	001·7	001·9	001·9	001·9	002·0	001·7	001·8	001·3	001·0	000·6	000·1	999·7	999·6	000·2
Mean (Station level)	1011 ·73	1011 ·63	**1011 ·53**	1011 ·58	1011 ·64	1011 ·75	1012 ·07	1012 ·31	1012 ·44	1012 ·55	**1012 ·61**	1012 ·45	1012 ·21	1012 ·07	1011 ·88	1011 ·86	1011 ·85	1012 ·05	1012 ·04	1012 ·07	1011 ·99	1011 ·88	1011 ·77	1011 ·82	1011 ·99
Mean (Sea level)	1013 ·00	1012 ·89	**1012 ·80**	1012 ·85	1012 ·91	1013 ·02	1013 ·33	1013 ·58	1013 ·71	1013 ·81	**1013 ·87**	1013 ·71	1013 ·46	1013 ·32	1013 ·13	1013 ·11	1013 ·11	1013 ·31	1013 ·30	1013 ·33	1013 ·25	1013 ·14	1013 ·03	1013 ·08	1013 ·25
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means

Readings in millibars at exact hours, Greenwich Mean Time.

392. Richmond (Kew Observatory) : H_b (height of barometer cistern above M.S.L.) = 10·4 metres. **November, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	000·1	000·9	001·7	002·3	003·3	003·4	004·5	005·1	005·4	006·0	006·3	005·3	003·8	002·6	001·2	000·1	999·7	999·5	999·0	998·3	997·5	997·4	997·6	998·5	001·7
2	998·6	999·2	999·4	999·6	999·7	999·5	999·7	999·8	000·0	999·5	999·3	999·1	999·0	998·6	998·4	998·3	998·7	999·1	999·6	000·3	001·0	001·5	002·2	003·0	999·6
3	003·3	003·9	004·4	004·4	004·9	005·7	006·0	007·0	006·9	007·1	008·0	008·0	008·2	008·6	008·8	009·4	010·1	011·3	012·1	013·2	013·8	014·8	015·8	016·7	008·6
4	017·1	017·5	018·2	018·7	019·2	019·9	021·1	022·0	022·6	022·7	022·9	022·4	022·8	023·0	023·2	023·4	024·1	024·8	025·0	025·4	025·7	025·7	025·8	025·8	022·3
5	025·6	025·3	024·9	024·7	024·7	024·6	024·8	025·2	025·1	024·9	024·8	024·1	023·2	022·7	022·5	022·5	022·7	023·2	023·3	023·5	023·9	024·2	024·5	025·2	024·2
6	025·1	025·5	025·7	026·3	026·5	026·7	027·5	028·0	028·5	028·8	028·8	028·6	028·3	028·1	028·3	028·3	028·6	029·0	029·2	029·4	029·8	029·9	030·0	030·2	028·0
7	030·1	029·9	029·7	029·8	029·6	029·4	029·6	029·9	030·0	029·9	029·4	029·0	028·6	028·3	027·8	027·7	027·6	027·5	027·3	027·1	027·0	027·1	027·0	026·9	028·7
8	026·7	026·0	025·4	025·0	024·6	024·6	024·6	024·6	024·3	024·0	023·8	023·3	022·3	021·8	021·0	020·3	020·0	019·4	018·7	018·5	018·1	018·1	017·9	017·2	022·3
9	016·3	016·2	015·2	014·7	014·5	014·1	013·9	014·0	013·6	013·3	013·0	012·1	011·9	011·8	011·6	011·4	011·4	011·3	011·4	011·6	011·8	011·6	011·4	011·3	013·0
10	010·8	010·3	010·0	010·0	010·0	010·0	010·2	010·7	010·6	010·8	011·3	011·0	011·2	011·2	011·5	011·8	012·5	013·0	013·6	014·0	014·5	014·5	014·8	014·9	011·7
11	014·9	015·4	015·9	016·1	016·5	017·1	017·6	018·5	018·9	019·3	019·6	019·7	019·9	020·0	020·4	020·6	021·1	021·5	021·7	021·9	022·2	022·3	022·5	022·6	019·3
12	022·8	023·0	023·2	023·4	023·5	023·8	024·6	025·5	025·8	025·9	025·9	025·8	025·8	025·5	025·5	025·7	025·8	026·1	026·3	026·3	026·2	026·6	025·8	025·8	025·1
13	025·7	025·5	025·2	025·0	025·1	025·0	025·2	025·4	025·5	025·6	025·4	025·1	024·7	024·6	024·4	024·4	024·2	024·3	024·1	024·0	023·7	023·5	023·3	023·2	024·7
14	023·0	022·8	022·2	021·9	021·6	021·4	021·3	021·3	021·1	020·9	020·6	020·3	020·0	019·9	019·6	019·5	019·3	019·4	019·3	019·2	019·3	019·2	019·0	019·1	020·6
15	018·7	018·7	018·5	018·4	018·3	018·3	018·6	019·0	019·4	019·7	020·0	019·8	019·8	019·7	019·8	020·1	020·6	021·3	021·7	022·2	022·6	023·5	024·0	024·3	020·2
16	024·6	025·0	025·3	025·6	026·0	026·3	027·1	027·8	028·2	028·3	028·5	028·6	028·9	029·3	029·6	030·1	030·8	031·4	031·5	031·9	032·3	032·5	032·5	032·4	028·8
17	032·3	032·4	032·6	032·7	032·7	032·9	033·3	033·8	033·9	033·8	033·5	033·4	033·2	033·1	033·1	033·2	033·4	033·4	033·5	033·5	033·6	033·5	033·2	033·1	033·2
18	033·0	032·8	032·8	032·7	032·5	032·5	032·5	032·6	032·5	032·5	032·4	032·0	031·6	031·4	031·1	031·0	030·9	030·9	031·1	031·4	031·5	031·7	031·7	031·8	032·0
19	031·9	032·1	032·0	032·3	032·4	032·9	033·7	034·0	034·2	034·6	034·8	034·6	034·2	033·8	033·8	033·8	033·7	033·9	033·7	033·6	033·7	033·7	033·7	033·7	**033·5**
20	033·4	032·9	032·5	032·0	031·8	031·8	032·0	032·3	032·5	032·6	032·6	032·3	032·2	032·1	032·2	032·3	032·6	032·7	032·8	033·2	033·4	033·7	034·0	034·0	032·7
21	034·1	034·0	033·5	033·5	033·2	033·4	033·6	033·6	033·7	033·8	032·8	032·6	032·5	032·1	031·8	031·4	031·4	031·4	031·4	031·1	031·0	030·4	030·6	030·1	032·5
22	029·5	028·9	028·1	027·6	027·1	027·1	026·8	026·6	026·4	026·5	026·4	026·2	025·4	024·7	024·2	024·0	023·7	023·6	023·4	023·1	023·0	022·4	022·2	021·8	025·5
23	021·2	021·1	020·7	020·3	020·2	020·2	019·9	019·7	019·4	019·4	019·2	018·5	017·8	017·5	017·2	016·8	016·7	016·6	016·3	015·9	015·4	015·0	014·5	013·9	018·2
24	013·1	012·6	012·0	011·5	011·1	010·8	010·5	010·6	010·5	010·6	010·3	009·9	009·5	009·1	008·6	008·6	008·3	008·3	008·1	008·1	008·2	008·1	007·8	007·5	009·9
25	007·0	006·6	006·3	006·1	005·6	005·4	005·2	005·2	005·2	005·2	004·7	004·3	003·9	003·1	002·7	002·4	002·5	002·4	002·0	001·7	001·2	000·6	000·0	999·0	003·9
26	998·9	998·5	997·9	997·5	997·1	996·9	996·2	996·0	995·6	995·2	994·7	993·6	992·2	991·1	990·0	989·7	988·8	988·6	988·4	987·3	987·0	986·2	985·7	985·5	992·7
27	985·3	984·8	983·6	982·6	983·1	984·9	986·6	987·9	988·8	989·0	989·4	990·5	991·4	993·4	995·3	996·8	998·2	999·6	000·8	002·0	002·9	003·4	003·8	003·9	**992·5**
28	003·5	003·5	003·7	003·5	003·3	003·4	003·3	003·9	004·2	004·2	004·1	003·8	003·5	003·4	003·5	003·6	003·5	003·4	003·1	002·6	002·0	001·2	000·3	999·7	003·2
29	999·4	999·4	999·1	999·3	000·1	000·9	001·8	002·9	003·7	004·3	004·6	004·4	004·3	004·6	004·4	004·5	004·6	004·4	004·5	004·0	003·9	003·5	003·9	003·8	002·8
30	003·9	003·9	003·7	003·5	003·2	003·0	002·6	002·6	002·3	002·0	001·4	000·4	999·8	000·8	001·5	002·0	002·8	003·1	003·5	003·6	004·1	004·3	004·4	004·5	002·8
Mean (Station level)	1017 ·00	1016 ·95	1016 ·78	**1016 ·70**	1016 ·71	1016 ·86	1017 ·14	1017 ·52	1017 ·63	**1017 ·68**	1017 ·62	1017. ·29	1017 ·00	1016 ·86	1016 ·77	1016 ·79	1016 ·94	1017 ·15	1017 ·19	1017 ·26	1017 ·34	1017 ·33	1017 ·33	1017 ·32	1017 ·13
Mean (Sea level)	1018 ·28	1018 ·24	1018 ·07	**1017 ·99**	1018 ·00	1018 ·15	1018 ·43	1018 ·81	1018 ·91	**1018 ·96**	1018 ·90	1018 ·57	1018 ·27	1018 ·14	1018 ·04	1018 ·07	1018 ·22	1018 ·43	1018 ·47	1018 ·54	1018 ·63	1018 ·61	1018 ·61	1018 ·60	1018 ·41

393. Richmond (Kew Observatory) : H_b = 10·4 metres. **December, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	004·3	004·3	004·1	003·9	003·6	003·5	003·0	002·8	002·7	002·5	001·6	000·8	999·5	998·9	998·4	998·1	997·8	998·0	997·1	996·3	995·8	995·3	994·4	993·9	000·2
2	993·1	992·6	991·7	991·0	990·5	990·0	989·5	989·2	988·8	988·7	988·2	987·5	986·9	986·5	986·3	986·3	986·3	986·4	986·7	986·9	987·4	987·5	987·8	988·0	**988·6**
3	988·1	988·5	988·8	989·3	989·8	990·4	991·3	992·3	993·1	994·1	994·8	995·3	995·7	996·1	997·0	998·0	998·8	999·6	000·4	001·1	001·9	002·8	003·6	004·2	995·3
4	005·1	006·1	006·1	006·1	006·9	007·5	007·6	008·4	008·8	009·1	008·8	008·1	007·5	007·1	007·3	007·3	007·3	006·5	006·3	005·3	004·5	003·5	002·9	002·2	006·6
5	001·6	001·3	001·3	001·5	002·1	004·1	005·7	007·0	008·5	009·5	010·4	011·1	011·2	011·8	012·5	012·7	013·2	013·8	014·1	014·7	014·9	014·8	014·9	014·9	009·2
6	014·7	015·1	015·5	016·0	016·6	017·9	019·2	020·4	022·3	024·1	024·7	025·5	026·3	026·9	027·8	028·4	029·4	030·0	030·6	031·2	031·6	031·8	031·9	032·0	024·2
7	031·7	031·9	032·1	032·0	031·8	031·8	031·7	031·7	031·7	031·8	031·6	031·0	030·3	029·7	029·3	029·1	029·2	028·7	028·5	028·0	027·8	027·9	027·5	027·0	030·3
8	026·8	026·7	026·4	026·2	026·4	026·4	026·3	025·9	026·0	026·0	026·0	025·9	025·4	025·1	024·5	024·1	024·2	024·3	024·3	024·2	024·2	024·1	024·1	024·2	025·3
9	023·9	024·1	024·1	024·2	024·2	024·5	024·7	025·1	025·7	026·2	026·3	026·3	026·1	025·9	025·7	026·0	026·3	026·7	027·2	027·3	027·7	027·8	028·1	028·1	025·8
10	028·3	028·3	028·1	028·1	027·9	028·0	028·3	028·7	028·8	028·9	028·6	028·3	027·8	027·8	027·8	027·8	027·8	027·8	027·7	027·7	027·6	027·5	027·2	027·1	028·0
11	026·8	026·8	026·3	026·0	025·9	025·9	025·9	026·1	026·4	026·4	026·3	025·8	025·5	025·3	025·4	025·6	025·8	025·9	026·0	025·8	026·1	026·2	026·3	026·2	026·1
12	026·1	026·1	026·1	026·1	026·4	026·6	026·6	027·3	027·4	027·7	027·7	027·6	027·4	027·2	027·2	027·2	027·2	027·5	027·6	027·4	027·1	026·9	026·6	026·3	027·0
13	025·9	025·4	024·6	024·0	023·7	023·0	022·3	021·5	021·2	020·9	019·9	018·9	017·6	016·9	016·2	015·5	014·8	014·0	013·6	012·4	011·4	010·6	009·5	009·2	018·4
14	008·4	008·4	008·6	008·6	008·8	009·2	009·7	010·4	010·9	011·4	011·4	011·3	011·2	011·5	012·0	012·4	013·0	013·2	013·4	013·8	014·0	014·2	014·2	014·3	011·3
15	014·2	014·2	013·8	013·3	012·6	012·0	010·8	010·2	009·3	008·7	007·4	006·0	004·4	002·9	002·2	001·4	000·3	999·7	999·1	998·5	998·5	998·5	998·6	998·5	006·0
16	998·6	999·0	999·0	999·2	999·4	999·8	000·2	001·3	002·4	003·3	003·9	004·6	005·1	006·2	007·2	008·6	009·9	011·1	012·1	013·5	014·8	015·8	017·0	018·1	005·8
17	018·5	019·4	020·1	020·6	021·2	022·4	022·8	023·5	024·0	024·4	024·9	024·6	024·3	024·5	024·8	024·8	024·9	024·9	024·9	025·0	025·0	025·0	024·7	024·6	023·4
18	024·6	024·5	024·2	024·0	023·9	024·0	023·9	024·2	024·4	024·5	024·0	023·7	023·2	022·8	022·8	023·0	023·0	023·1	023·0	023·0	023·3	023·3	023·2	023·2	023·6
19	022·8	023·1	023·1	023·3	023·3	023·3	023·8	024·4	025·2	025·7	026·5	026·5	026·7	026·8	027·3	028·0	028·5	029·0	029·3	029·7	030·3	030·6	030·9	031·1	026·5
20	030·9	031·0	031·0	031·2	031·3	031·6	032·2	032·5	033·3	033·6	033·4	033·3	033·0	032·6	032·5	032·6	032·7	032·8	032·9	033·1	033·1	033·1	032·9	032·8	**032·4**
21	032·4	032·4	032·3	031·9	031·5	031·3	031·4	031·5	031·5	031·3	031·0	030·4	029·6	028·7	028·5	028·3	028·2	028·0	027·8	027·7	027·3	027·0	026·9	026·6	029·9
22	026·2	026·1	025·5	025·3	025·0	024·3	024·5	024·5	024·4	024·5	024·1	023·6	022·8	022·0	021·3	021·0	020·7	021·7	021·5	021·5	020·8	020·8	020·8	019·6	023·2
23	019·3	018·2	017·6	017·2	016·7	015·6	015·1	014·6	014·1	013·6	013·8	013·4	013·1	012·7	012·0	012·1	012·3	011·6	011·2	011·1	010·3	010·5	010·0	010·0	013·8
24	009·9	009·4	009·2	008·5	008·5	008·9	009·8	011·1	012·0	012·1	011·8	011·3	011·0	010·8	010·8	010·9	010·9	011·1	010·6	010·6	010·0	010·0	010·3	009·9	010·4
25	010·0	010·3	010·4	010·4	010·6	010·7	010·9	011·3	011·5	011·7	011·8	011·5	011·3	011·1	011·3	011·7	012·0	012·3	012·3	012·0	011·7	011·6	011·0	010·6	011·2
26	009·9	009·0	008·0	006·9	006·2	005·6	005·4	005·2	004·9	005·0	005·0	005·2	005·3	005·5	005·4	005·7	006·0	006·3	006·5	006·7	006·5	006·3	005·6	004·7	006·2
27	003·6	002·9	001·6	000·0	998·4	997·4	996·4	995·0	993·4	992·3	991·5	989·8	988·1	986·9	987·0	987·5	987·0	986·9	986·9	987·1	987·7	988·7	989·1	989·0	992·6
28	988·9	988·6	987·9	987·8	988·0	988·8	989·8	990·7	991·9	992·9	993·9	994·0	994·9	995·8	996·5	997·6	997·9	998·5	000·0	001·2	002·3	003·1	004·0	005·0	994·7
29	006·0	007·1	008·3	009·0	009·8	010·9	012·0	013·2	014·5	015·0	015·4	015·5	015·4	015·6	015·7	016·0	016·2	015·8	015·0	014·2	013·3	012·4	011·1	009·8	012·7
30	008·5	007·7	006·4	005·0	003·3	002·3	001·6	000·6	000·0	999·5	998·2	997·0	995·9	995·7	996·4	996·9	998·0	001·0	002·2	003·5	004·1	005·3	005·8	005·9	001·8
31	005·7	005·8	005·7	005·1	004·2	003·1	002·5	002·1	001·6	001·3	000·9	000·8	001·1	002·6	003·6	004·7	005·1	005·7	006·3	006·7	007·0	007·2	007·2	007·3	004·3
Mean (Station level)	1014 ·03	1014 ·01	1013 ·80	1013 ·60	**1013 ·50**	1013 ·57	1013 ·69	1013 ·96	1014 ·22	1014 ·41	1014 ·31	1014 ·00	1013 ·65	1013 ·53	1013 ·62	1013 ·85	1014 ·03	1014 ·25	1041 ·35	1014 ·43	1014 ·45	**1014 ·52**	1014 ·46	1014 ·33	1014 ·02
Mean (Sea level)	1015 ·31	1015 ·30	1015 ·09	1014 ·89	**1014 ·79**	1014 ·86	1014 ·98	1015 ·25	1015 ·50	1015 ·69	1015 ·59	1015 ·28	1014 ·93	1014 ·80	1014 ·90	1015 ·13	1015 ·31	1015 ·54	1015 ·64	1015 ·71	1015 ·73	**1015 ·81**	1015 ·74	1015 ·62	1015 ·31
G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 mb. is written 005·6. This rule does not, however, apply to monthly means.

ANNUAL MEANS OF HOURLY VALUES.

From readings in millibars at exact hours, Greenwich Mean Time.

394. Richmond (Kew Observatory) : $H_b = 10{\cdot}4$ metres. **1924.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Station Level	mb. 012·81	mb. 012·70	mb. 012·57	mb. 012·51	mb. 012·48	mb. 012·58	mb. 012·76	mb. 012·93	mb. 013·00	**013·05**	mb. 013·02	mb. 012·83	mb. 012·58	mb. 012·40	**012·26**	mb. 012·25	mb. 012·27	mb. 012·42	mb. 012·56	mb. 012·74	mb. 012·87	mb. 012·89	mb. 012·91	mb. 012·89	mb. 012·68
Sea Level	014·08	013·98	013·85	013·79	013·76	013·85	014·04	014·20	014·27	**014·31**	014·28	014·08	013·84	013·65	013·52	**013·50**	013·53	013·68	013·82	014·00	014·14	014·17	014·18	014·16	013·95

PRESSURE AT STATION LEVEL: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

395. Richmond (Kew Observatory) : $H_b = 10{\cdot}4$ metres. **1924.**

Month	Mean.	Hour. 1.	G.M.T. 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Jan.	1013·63	−0·05	−0·06	−0·16	−0·25	−0·48	**−0·61**	−0·41	−0·07	+0·26	+0·49	**+0·55**	+0·25	−0·02	−0·22	−0·13	−0·09	0·00	+0·04	+0·12	+0·17	+0·33	+0·15	+0·09	+0·07
Feb.	1016·50	+0·47	+0·35	+0·20	+0·12	+0·07	−0·09	−0·01	+0·15	+0·15	+0·17	+0·16	−0·10	−0·40	−0·71	**−0·86**	−0·73	−0·55	−0·17	+0·04	+0·19	+0·29	+0·34	+0·39	**+0·53**
Mar.	1011·01	+0·19	−0·07	−0·29	−0·39	−0·35	−0·30	−0·04	+0·15	+0·25	+0·38	**+0·45**	+0·30	+0·06	−0·21	−0·44	**−0·52**	−0·43	−0·16	+0·05	+0·22	+0·30	+0·31	+0·27	+0·28
April	1010·70	+0·45	+0·30	+0·21	+0·14	+0·11	+0·26	+0·39	+0·42	+0·40	+0·35	+0·18	−0·04	−0·31	−0·64	−0·93	**−0·99**	−0·93	−0·77	−0·42	−0·03	+0·29	+0·43	+0·55	**+0·59**
May	1011·03	+0·15	+0·09	−0·02	−0·09	−0·09	+0·11	+0·28	+0·30	+0·21	+0·23	+0·16	+0·04	−0·11	−0·23	−0·37	−0·44	**−0·48**	−0·47	−0·37	+0·02	+0·21	+0·25	**+0·36**	+0·28
June	1015·43	+0·19	+0·05	−0·08	−0·08	−0·01	+0·16	+0·28	**+0·39**	+0·29	+0·25	+0·31	+0·13	−0·07	−0·24	−0·42	−0·51	**−0·59**	−0·50	−0·40	−0·21	+0·15	+0·24	+0·38	+0·28
July	1011·37	+0·17	+0·13	+0·10	+0·17	+0·22	+0·37	**+0·52**	+0·50	+0·47	+0·41	+0·38	+0·26	−0·05	−0·20	−0·43	−0·59	−0·77	**−0·78**	−0·70	−0·47	−0·12	+0·02	+0·21	+0·18
Aug.	1009·98	+0·18	+0·08	−0·04	−0·12	−0·13	+0·01	+0·17	+0·24	+0·24	+0·20	+0·15	−0·05	−0·16	−0·25	−0·38	**−0·47**	−0·45	−0·36	−0·17	+0·14	+0·28	+0·30	**+0·32**	+0·28
Sept.	**1009·69**	−0·14	−0·34	−0·50	−0·52	**−0·64**	−0·35	−0·08	+0·16	+0·34	**+0·38**	+0·31	+0·33	+0·18	+0·03	−0·12	−0·13	−0·19	−0·05	+0·15	+0·34	+0·34	+0·28	+0·16	+0·05
Oct.	1011·99	−0·24	−0·35	**−0·45**	−0·39	−0·34	−0·23	+0·08	+0·33	+0·46	+0·56	**+0·62**	+0·46	+0·21	+0·08	−0·11	−0·14	−0·15	+0·05	+0·04	+0·06	−0·01	−0·13	−0·25	−0·19
Nov.	**1017·13**	−0·06	−0·11	−0·29	−0·37	−0·37	−0·22	+0·05	+0·42	+0·52	**+0·57**	+0·50	+0·16	−0·14	−0·28	**−0·38**	−0·36	−0·22	−0·02	+0·02	+0·08	+0·15	+0·13	+0·12	+0·11
Dec.	1014·02	+0·04	+0·02	−0·19	−0·39	**−0·50**	−0·43	−0·31	−0·05	+0·20	+0·39	+0·29	−0·02	−0·37	**−0·50**	−0·41	−0·19	−0·02	+0·21	+0·31	+0·37	+0·39	**+0·46**	+0·39	+0·26
Year	1012·68	+0·11	0·00	−0·13	−0·18	−0·21	−0·11	+0·07	+0·24	+0·32	**+0·37**	+0·34	+0·15	−0·10	−0·28	−0·42	**−0·42**	−0·40	−0·25	−0·11	+0·07	+0·21	+0·23	+0·25	+0·23

ABSOLUTE EXTREMES OF PRESSURE AT STATION LEVEL FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

396. Richmond (Kew Observatory) : $H_b = 10{\cdot}4$ metres. **1924.**

Month	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
1	021·6	019·6	033·6	026·6	993·7	990·9	023·5	019·8	009·2	002·3	013·6	004·6	017·2	009·1	015·7	010·1	016·3	008·4	010·0	998·0	006·4	997·0	004·6	993·9
2	019·7	012•9	033·6	029·4	990·9	985·3	022·5	020·1	009·0	001·6	019·7	013·5	009·1	000·6	013·9	007·8	022·1	016·3	009·6	005·2	003·1	998·2	994·0	**986·2**
3	017·9	013·3	030·9	029·0	999·2	**982·7**	021·2	018·2	009·2	001·4	020·8	016·2	001·5	**989·3**	013·4	008·5	022·1	019·6	006·7	004·2	016·7	002·9	004·2	987·9
4	026·4	017·9	029·0	024·3	011·9	999·1	022·8	019·9	014·1	009·2	016·2	010·4	004·9	997·9	012·0	007·4	020·1	014·6	009·6	006·2	025·9	016·7	009·3	002·2
5	026·7	024·3	024·3	012·8	013·9	011·9	023·3	019·8	014·0	010·5	020·5	011·3	010·1	004·9	015·4	010·6	014·6	009·1	006·2	998·2	025·8	022·5	015·1	001·2
6	024·3	013·2	017·3	012·6	029·6	013·9	020·6	016·0	014·0	004·9	021·1	018·5	015·8	006·5	017·8	015·1	009·4	004·1	007·1	000·3	030·3	025·0	032·0	014·7
7	013·2	004·9	017·4	013·5	**032·2**	029·5	016·7	008·0	006·3	002·2	018·9	011·8	017·4	014·5	024·2	017·5	004·1	998·8	009·8	001·6	030·4	026·9	032·2	026·9
8	005·0	985·8	013·5	997·9	030·9	025·4	008·0	000·7	014·0	005·0	016·0	010·9	018·8	014·0	**030·4**	024·2	003·7	998·5	013·7	**994·1**	026·9	017·2	027·1	024·0
9	995·6	**985·0**	997·9	**981·4**	025·5	021·1	002·1	999·0	021·3	013·9	016·0	014·2	020·2	012·6	**030·4**	026·8	006·9	**993·9**	017·2	013·0	017·2	011·3	028·2	023·9
10	995·8	991·2	986·5	983·4	022·9	020·6	001·9	996·4	020·4	010·3	014·3	009·8	021·5	019·9	027·1	016·4	014·0	006·9	015·2	013·0	015·0	009·9	029·0	027·1
11	009·1	992·5	998·0	985·7	027·5	022·7	005·6	999·1	011·9	007·8	009·8	997·1	022·1	018·6	016·5	006·5	012·6	007·0	016·3	012·4	022·6	014·8	027·1	025·3
12	011·7	006·0	999·0	994·6	028·3	026·5	002·7	**991·5**	015·2	005·9	005·3	**996·0**	018·6	009·1	006·5	002·9	010·1	008·6	022·7	016·3	026·4	022·5	027·8	026·0
13	009·7	001·2	011·4	994·9	026·9	025·0	005·9	998·2	018·6	013·1	023·2	005·3	024·2	011·7	007·8	004·2	009·9	008·5	028·8	022·7	025·9	023·2	026·3	009·2
14	004·4	001·3	026·2	011·3	026·4	023·2	002·5	995·2	018·2	014·6	025·8	023·1	**026·9**	024·0	009·6	007·8	020·4	007·8	030·1	027·9	023·2	019·0	014·3	008·2
15	003·9	999·4	026·9	023·6	023·3	016·6	010·7	002·0	019·4	017·6	024·9	018·5	024·0	012·1	012·5	008·4	021·5	013·4	029·0	025·6	024·4	018·2	014·3	998·4
16	001·4	998·2	036·3	024·8	017·9	012·9	019·6	010·7	025·0	018·3	018·5	013·1	012·1	008·9	010·0	000·8	013·4	011·4	025·9	023·4	032·6	024·3	018·1	998·5
17	010·5	001·4	**036·4**	027·4	019·5	017·0	027·9	019·6	**025·9**	019·2	013·1	004·7	012·3	997·7	000·8	**990·5**	014·1	010·4	026·7	023·8	034·0	032·2	025·1	018·1
18	009·8	002·5	027·4	016·0	017·4	014·6	031·6	027·9	019·2	005·8	012·1	007·6	012·8	001·5	000·9	990·9	021·5	013·9	026·8	015·8	033·2	030·8	024·7	022·8
19	002·5	997·2	022·5	016·5	014·7	006·6	**033·2**	031·0	008·7	004·7	014·3	010·0	014·4	012·2	000·6	998·7	021·2	004·8	015·8	005·7	**034·9**	031·7	031·1	022·8
20	017·0	001·1	025·1	022·3	008·6	004·3	032·9	028·3	009·2	006·0	019·2	013·8	015·3	011·8	999·7	997·1	004·8	996·4	011·2	005·8	034·1	031·7	**033·7**	030·9
21	017·2	014·5	024·4	021·1	005·7	001·5	028·3	019·3	009·8	008·1	019·6	017·3	011·9	009·4	002·5	999·6	006·0	997·3	011·2	002·6	034·1	029·9	032·8	026·6
22	014·8	011·3	027·4	023·2	005·7	001·0	019·4	008·3	012·4	010·4	022·7	018·1	010·8	007·7	003·4	001·8	007·2	998·5	026·7	002·6	030·2	021·8	026·6	019·6
23	021·9	012·8	030·3	027·3	001·0	987·5	008·8	005·7	012·2	005·4	022·9	021·5	012·4	008·5	009·5	002·3	004·8	997·2	**030·4**	026·7	021·8	013·9	019·8	010·0
24	021·9	018·0	028·5	012·1	992·7	987·8	007·6	005·2	005·9	**994·0**	024·0	021·9	014·1	009·5	017·8	009·4	005·8	997·3	027·4	012·8	013·9	007·5	012·2	008·4
25	030·0	019·2	020·3	011·3	991·9	988·7	000·8	004·0	004·3	999·4	**025·9**	024·0	015·5	009·9	021·1	017·7	005·3	001·5	012·8	006·6	007·5	999·0	012·4	009·9
26	**037·2**	032·0	026·4	020·3	997·3	991·5	004·0	995·1	015·5	004·3	025·1	018·6	017·6	008·9	019·8	014·1	011·8	002·9	006·6	998·9	999·0	985·5	010·6	004·5
27	035·1	030·2	026·8	014·9	004·5	997·3	003·2	991·6	010·9	015·4	018·6	015·3	017·6	011·2	015·7	012·6	026·0	011·8	003·9	000·1	004·0	**982·4**	004·7	986·6
28	034·7	029·8	018·1	014·8	008·0	003·9	001·4	996·5	020·1	014·3	019·1	015·4	011·2	995·0	016·2	009·3	**026·6**	019·9	008·8	003·0	004·3	999·7	005·0	987·7
29	030·0	020·0	017·2	993·0	010·6	008·0	001·6	997·5	014·3	004·8	015·4	010·8	001·8	994·9	009·3	003·8	019·9	002·9	009·4	995·9	004·7	998·9	016·3	005·0
30	026·9	025·7	—	—	023·9	016·6	002·3	996·2	012·7	007·0	016·0	009·8	009·6	001·8	006·0	003·2	002·9	996·3	001·0	996·3	004·5	999·7	009·8	995·7
31	026·8	025·5	—	—	024·2	021·5	—	—	013·3	004·5	—	—	015·7	009·6	008·5	004·0	—	—	002·1	996·8	—	—	007·4	000·6
Mean	1017 ·05	1010 ·15	1021 ·12	1012 ·62	1013 ·96	1008 ·23	1013 ·95	1008 ·03	1014 ·30	1007 ·80	1018 ·42	1012 ·77	1014 ·75	1007 ·85	1012 ·74	1007 ·42	1013 ·30	1005 ·93	1015 ·44	1008 ·24	1020 ·47	1013 ·81	1018 ·57	1009 ·77

NOTE.—When pressure exceeds 1000 mb. the leading figure 1 is not printed, *i.e.*, 1005·6 is written 005·6,

Readings in degrees absolute at exact hours, Greenwich Mean Time.

397. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres.

January, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	79·0	79·5	80·1	80·5	81·9	82·2	82·2	82·2	82·2	82·3	82·5	82·7	82·8	82·5	82·4	82·1	81·9	82·0	81·7	81·9	82·0	81·5	81·4	81·4	81·7
2	81·4	81·4	81·2	81·0	80·9	80·5	80·5	80·4	80·4	80·5	80·9	81·6	82·1	82·6	82·6	82·5	82·0	81·7	81·7	81·7	81·3	81·1	80·1	79·4	81·3
3	78·9	78·2	77·5	77·1	76·9	77·2	76·9	77·0	77·3	77·7	79·1	79·2	79·5	79·8	79·7	78·9	77·6	77·1	76·2	75·3	75·2	74·4	72·3	73·6	77·3
4	72·0	71·3	71·1	70·5	70·2	70·6	70·2	70·2	70·8	72·1	72·2	72·8	73·2	73·7	74·7	74·3	74·8	74·7	74·8	75·0	75·2	75·1	74·8	74·2	72·8
5	73·7	73·1	72·4	72·5	72·9	73·1	72·5	72·1	72·5	73·2	73·5	74·6	75·6	76·0	76·1	75·1	74·2	73·6	73·3	73·8	73·1	72·7	73·6	74·2	73·6
6	74·1	74·2	74·2	74·1	73·8	73·6	73·2	72·6	72·5	73·9	76·0	77·2	78·5	79·0	78·9	77·6	76·7	75·7	75·3	75·3	75·1	74·6	74·6	74·1	75·2
7	73·4	73·3	73·4	73·2	72·7	72·5	72·2	72·6	72·9	73·2	74·3	75·9	76·2	76·2	76·2	75·9	75·0	74·7	74·9	75·1	75·3	75·0	75·0	74·9	74·3
8	74·7	75·0	75·5	75·6	75·6	75·6	75·7	76·2	76·4	76·6	76·8	76·7	76·8	76·6	77·0	76·8	76·7	76·3	76·0	75·0	74·3	73·7	73·1	72·8	75·7
9	72·6	72·0	71·1	70·6	70·6	70·5	70·6	70·6	70·7	71·1	71·5	72·1	72·2	72·0	71·7	71·4	71·6	71·7	71·7	71·8	72·2	72·0	72·2	72·3	**71·5**
10	72·3	72·5	72·3	72·2	72·4	73·3	74·3	74·6	74·4	74·8	76·7	76·9	77·5	77·3	77·3	77·1	77·0	76·2	76·6	76·5	76·2	76·0	75·6	75·6	75·2
11	74·9	75·2	75·1	75·1	75·4	76·1	76·0	76·3	76·5	77·4	77·9	78·6	79·2	79·6	79·5	78·8	77·8	77·8	78·9	79·3	80·2	80·3	80·7	81·0	77·7
12	81·8	82·2	82·6	82·8	83·2	83·1	83·0	83·1	83·4	83·9	83·9	84·0	83·7	83·9	83·9	83·5	83·4	83·2	82·9	82·7	82·5	82·0	81·4	81·1	**82·9**
13	80·8	80·4	80·1	80·0	80·1	80·5	81·0	80·8	80·9	81·1	81·0	81·4	81·8	82·0	81·8	81·1	81·2	81·5	81·9	82·0	82·3	82·4	82·2	82·1	81·2
14	82·2	82·0	82·0	82·0	82·0	81·7	82·0	82·1	82·1	82·4	82·4	82·5	82·5	82·5	82·5	82·4	81·9	81·5	81·6	82·0	82·4	82·4	82·0	81·1	82·1
15	80·8	81·0	80·5	80·1	80·0	79·5	79·4	79·2	80·0	80·8	81·5	82·0	82·8	82·5	83·3	82·3	81·0	80·0	79·9	79·2	79·0	79·0	78·5	78·0	80·5
16	77·2	77·5	76·6	76·4	76·1	76·0	75·7	75·7	76·1	76·8	78·0	78·5	78·9	78·7	78·7	78·4	77·7	77·3	77·0	76·6	76·6	76·6	76·4	76·5	77·1
17	76·5	76·6	76·4	76·2	76·0	75·5	75·0	74·6	74·3	74·1	74·2	74·1	74·1	74·1	74·2	74·2	74·4	74·6	74·7	74·6	74·9	75·0	75·1	75·6	75·0
18	76·3	77·0	78·4	79·1	79·5	80·6	81 1	81·2	81·6	82·2	82·4	82·3	82·3	82·3	82·9	83·0	83·4	83·5	83·7	83·7	83·9	83·8	83·4	83·3	81·5
19	82·9	82·4	82·3	82·0	82·0	82·4	81·9	81·8	82·0	81·0	81·5	82·1	82·7	82·9	81·9	80·4	80·5	80·8	80·6	80·6	81·1	81·6	81·3	81·5	81·7
20	81·4	81·2	81·6	81·4	80·7	81·0	81·0	80·5	80·3	80·6	81·9	82·6	82·8	83·0	82·9	82·2	80·8	80·0	79·5	78·7	78·1	78·4	78·9	79·0	80·8
21	79·0	78·5	78·8	78·5	78·4	78·4	79·1	79·7	80·3	81·0	81·3	81·7	81·6	81·6	81·5	81·3	81·1	81·1	81·0	81·1	81·0	81·0	81·0	81·0	**80·3**
22	81·0	80·9	80·6	80·5	81·0	81·1	81·1	81·1	81·2	81·5	82·0	82·2	82·4	82·4	82·4	82·1	82·0	80·8	80·4	80·6	80·2	80·4	80·4	80·2	81·2
23	80·0	80·2	80·2	80·1	80·0	80·1	80·3	80·1	80·0	80·1	80·4	80·4	80·6	80·4	79·9	79·7	79·6	79·5	79·1	78·7	78·6	78·6	78·7	79·0	79·8
24	79·1	79·1	79·0	79·1	79·0	78·7	78·6	78·3	79·0	79·7	80·6	81·0	81·2	80·9	80·6	80·0	80·0	79·7	80·0	80·1	80·2	80·1	80·2	80·1	79·7
25	80·1	79·9	80·0	80·0	80·0	79·4	78·6	77·9	78·0	78·4	79·7	80·8	81·6	82·3	82·3	81·6	79·2	78·9	77·9	77·5	76·6	76·3	76·2	75·8	79·2
26	75·6	75·1	75·3	76·5	77·2	77·4	77·5	77·4	77·5	76·8	77·6	78·0	79·6	79·9	79·9	79·3	78·5	77·4	77·5	78·4	78·4	78·1	78·6	78·4	77·7
27	78·7	78·9	78·6	79·1	79·5	80·2	80·1	79·4	79·0	79·5	80·1	80·2	80·7	81·2	80·6	79·6	78·9	78·1	77·4	76·7	76·3	75·8	75·7	75·1	78·8
28	75·1	75·0	75·1	75·2	75·7	75·6	75·8	77·6	77·8	79·0	79·6	80·6	81·3	81·7	81·7	81·3	80·5	79·7	79·5	79·1	78·7	78·7	78·3	77·5	78·3
29	77·6	76·1	76·0	76·7	77·0	76·6	76·1	76·5	77·1	77·4	78·1	78·7	79·5	80·2	80·6	80·6	80·3	80·2	79·7	79·3	78·1	77·2	75·6	75·9	78·0
30	75·9	75·9	76·4	76·7	77·1	77·5	77·5	77·7	77·9	78·2	78·5	78·9	79·5	80·1	80·6	80·6	80·4	80·0	79·4	79·5	79·6	79·5	79·2	79·1	78·5
31	79·0	78·8	78·9	78·7	78·9	78·8	78·5	78·6	78·9	79·4	79·9	80·1	80·5	80·4	81·0	80·6	80·5	80·4	80·1	80·0	79·9	79·6	79·5	78·7	79·6
Mean ...	77·7	77·6	**77·5**	**77·5**	77·6	77·7	77·7	77·7	77·9	78·3	78·9	79·4	79·8	79·9	**80·0**	79·5	79·1	78·7	78·5	78·5	78·3	78·2	77·9	77·8	78·4

398. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

February, 1924.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	78·9	78·8	78·8	78·6	78·9	77·9	76·8	76·0	76·1	77·0	78·1	79·2	79·6	80·0	80·2	80·1	79·1	78·1	76·5	75·6	75·3	75·5	75·1	74·2	77·8
2	74·1	73·9	74·0	74·1	74·1	74·1	74·6	75·6	76·7	78·1	79·0	80·8	81·5	82·0	82·0	82·2	81·2	80·4	80·3	79·1	78·6	79·3	79·8	79·3	78·0
3	78·5	78·1	77·9	77·1	77·0	75·9	75·7	75·1	75·8	77·5	81·4	81·2	82·0	82·0	82·1	81·5	80·6	80·5	80·4	80·1	80·1	80·2	80·0	79·5	79·2
4	78·5	77·6	76·7	76·5	76·1	76·1	77·1	77·0	78·3	79·4	80·2	81·2	81·5	81·5	81·6	81·6	81·5	81·4	80·9	80·8	80·0	79·8	78·9	77·8	79·3
5	77·3	77·0	78·1	77·8	79·3	78·8	78·2	78·9	78·5	79·5	80·1	80·4	80·5	80·4	80·4	80·5	81·0	81·1	81·2	81·3	81·1	81·5	81·4	81·4	79·7
6	81·5	81·4	81·5	81·3	81·5	81·5	82·0	81·7	81·9	82·2	82·2	82·6	82·7	82·7	83·5	83·1	82·4	82·5	82·1	82·0	82·1	81·9	81·7	81·6	**82·1**
7	81·4	81·1	81·0	80·4	79·9	79·6	79·1	80·0	79·8	79·9	80·0	80·3	80·6	80·5	80·5	80·4	80·0	79·9	79·8	79·3	79·2	79·0	79·0	79·0	80·0
8	78·5	78·4	78·1	78·0	77·8	77·3	77·4	77·7	78·3	79·1	80·0	80·7	80·5	80·8	80·8	80·7	80·1	79·4	79·0	78·9	78·2	78·0	78·0	78·1	78·9
9	78·1	77·5	77·5	77·2	77·0	77·1	77·0	77·1	78·0	78·4	80·0	81·6	81·6	81·7	81·4	81·7	81·2	81·2	81·0	80·4	80·2	80·4	80·3	80·1	79·4
10	80·2	80·1	80·0	79·6	79·6	79·6	79·5	79·2	79·5	80·1	79·9	80·5	80·5	81·0	81·0	80·3	79·7	79·3	79·1	78·6	78·5	78·1	78·0	77·7	79·6
11	77·3	77·1	77·0	76·8	76·5	76·2	76·0	75·7	75·6	75·6	75·5	75·6	75·9	76·0	76·3	76·3	76·2	76·3	76·2	76·2	76·2	76·0	75·9	76·0	76·2
12	76·0	76·0	76·0	76·0	76·0	76·0	75·8	75·8	76·2	76·7	77·1	77·2	77·2	77·6	78·0	78·0	78·4	78·4	78·4	78·6	79·2	79·3	79·1	78·6	77·2
13	78·5	78·2	77·7	77·3	76·7	76·4	76·0	75·5	75·3	74·7	74·7	74·2	74·1	74·1	73·7	73·4	73·3	73·0	73·1	73·0	72·8	72·8	72·7	72·6	74·9
14	72·5	72·4	72·6	72·7	72·7	72·8	72·8	73·1	73·3	73·6	74·1	74·3	74·6	74·5	74·5	74·2	73·9	74·0	73·8	73·8	73·0	72·2	71·8	71·1	73·3
15	70·7	70·6	70·3	70·3	69·6	69·6	69·1	69·1	70·4	72·6	73·6	73·6	73·6	74·1	74·7	74·5	74·0	73·5	72·5	71·2	71·3	71·6	72·3	72·6	**71·9**
16	71·9	72·2	72·6	72·5	72·6	73·5	73·4	73·8	73·9	74·4	75·1	75·6	75·7	76·2	76·1	76·1	75·5	74·2	73·7	73·0	72·4	72·1	71·7	71·5	73·8
17	72·1	72·2	72·2	71·2	70·7	70·2	69·9	70·0	71·0	73·2	74·4	73·2	74·2	73·8	73·8	73·5	72·7	72·2	71·8	71·3	71·2	71·0	70·7	71·3	72·0
18	71·6	72·2	72·6	72·6	72·9	72·6	72·3	72·2	73·7	75·1	75·7	76·5	76·1	76·6	78·4	78·5	77·3	76·7	76·0	76·2	76·1	75·6	75·2	74·5	74·8
19	74·5	73·8	73·9	74·0	73·8	73·7	73·6	73·6	74·3	74·8	75·5	76·0	75·7	75·9	76·5	76·3	76·0	76·0	76·0	75·6	75·2	75·1	75·1	75·1	75·0
20	74·9	74·6	74·9	74·7	74·8	74·8	74·7	74·7	74·7	74·8	74·9	75·0	75·0	75·0	75·0	74·9	74·7	74·6	74·6	74·5	74·7	74·3	73·9	72·6	74·7
21	72·5	71·7	71·4	71·5	71·2	71·1	71·0	71·9	72·6	73·0	74·1	74·3	74·9	75·3	75·7	76·0	75·9	75·9	75·7	75·6	76·6	78·5	78·1	77·0	74·1
22	76·9	76·3	76·0	76·0	76·0	76·1	76·0	76·2	76·7	77·1	77·4	77·6	77·1	76·5	77·5	77·1	76·9	76·6	76·1	76·0	75·6	75·1	74·9	75·0	76·4
23	74·8	74·6	74·5	74·2	74·2	74·0	73·6	74·0	74·8	75·5	76·0	76·6	78·0	78·2	78·2	78·3	78·3	78·0	77·4	77·0	76·6	76·1	75·6	75·4	76·0
24	75·3	75·7	76·3	76·0	76·0	76·2	75·5	75·5	75·7	76·7	77·3	78·6	78·7	80·1	80·0	78·5	78·6	75·9	75·9	75·6	76·0	77·0	77·1	77·1	76·9
25	77·0	76·7	76·0	75·1	75·6	75·2	75·4	75·2	75·6	75·7	76·6	76·8	77·1	77·7	76·9	75·9	75·3	75·0	74·9	74·6	74·2	73·6	73·2	73·3	75·6
26	73·1	73·1	72·9	72·8	72·4	72·0	71·7	72·2	72·9	73·4	74·2	74·6	74·9	74·9	75·1	74·2	73·6	73·0	72·6	72·2	72·5	72·5	72·4	72·3	73·2
27	72·3	72·2	72·0	72·0	71·9	71·9	71·9	72·0	72·2	72·3	72·6	73·2	73·9	74·7	74·9	74·6	74·5	74·3	74·3	74·3	73·7	73·7	74·2	75·2	73·2
28	75·2	74·3	74·5	74·2	73·9	73·6	73·2	72·8	72·5	73·1	73·9	74·3	75·2	75·1	75·1	75·0	74·7	73·8	73·3	72·7	72·7	72·3	72·1	71·3	73·8
29	71·0	70·7	71·2	71·3	71·7	72·2	73·1	74·1	75·5	76·8	77·5	79·2	79·1	79·3	80·1	78·6	78·2	78·6	78·0	77·6	76·9	77·0	76·7	76·0	75·8
Mean ...	75·7	75·5	75·5	75·2	75·2	75·0	**74·9**	75·0	75·5	76·2	76·9	77·4	77·7	77·9	**78·1**	77·8	77·4	77·0	76·7	76·4	76·2	76·2	76·0	75·8	76·3
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

399. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres.

March, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	75·6	75·5	75·5	75·1	75·1	75·0	74·7	75·0	75·2	75·8	75·9	76·4	77·6	78·1	78·5	78·0	77·5	76·7	76·0	75·9	75·3	75·0	74·4	74·2	76·0
2	74·3	74·2	74·2	74·0	74·0	74·1	74·1	74·7	76·0	76·6	76·7	77·7	78·5	78·3	78·5	76·6	75·2	74·7	74·0	73·7	73·2	73·1	73·1	74·1	**75·2**
3	74·0	73·6	73·6	73·6	73·4	73·2	73·1	72·7	73·0	73·9	74·6	76·0	76·7	77·9	78·6	78·6	78·1	77·1	76·2	75·9	75·3	75·0	75·0	75·4	**75·2**
4	75·2	75·1	75·0	74·0	73·5	73·1	72·9	73·1	73·9	75·5	77·2	78·2	79·1	79·3	79·7	79·1	78·4	77·6	76·5	75·7	74·4	73·1	73·2	72·5	75·7
5	72·0	71·7	71·5	71·1	70·3	70·0	70·0	71·1	73·1	76·1	78·8	79·5	80·3	81·3	81·1	81·0	79·6	77·6	76·5	75·9	76·0	76·1	76·3	76·6	75·5
6	76·4	76·0	75·5	75·9	76·0	75·9	76·2	76·1	76·2	76·9	78·0	78·5	79·1	78·9	80·0	79·1	78·6	78·6	77·9	78·1	77·1	76·3	76·0	75·9	77·2
7	75·6	74·4	74·1	74·2	74·0	74·0	73·7	73·6	74·0	74·5	75·7	77·3	78·6	80·4	81·3	80·2	79·6	77·8	76·6	75·2	74·4	73·8	73·8	73·6	75·9
8	74·0	73·9	73·3	72·6	72·0	72·0	71·7	72·5	73·3	74·4	76·3	78·8	81·5	82·0	82·0	81·4	80·6	78·5	77·2	76·9	75·3	75·0	75·7	75·1	76·1
9	73·5	73·2	73·1	72·3	72·3	72·5	71·6	73·0	76·0	78·1	79·7	81·0	82·0	83·2	83·8	83·4	82·5	80·1	78·8	77·0	76·5	75·0	74·5	74·6	77·0
10	72·9	72·1	71·4	71·1	70·6	71·2	71·0	72·6	74·7	76·9	78·6	80·7	82·4	82·7	83·1	82·2	80·6	78·7	77·3	76·2	75·4	75·2	74·7	74·7	76·1
11	74·4	73·7	72·1	72·3	73·2	73·0	73·2	73·4	73·6	73·1	80·2	82·8	85·5	86·5	86·9	86·5	84·3	81·1	79·6	78·3	77·8	77·1	76·7	76·6	78·0
12	76·2	76·2	75·6	75·1	74·7	74·2	74·7	75·5	77·6	80·1	82·6	84·1	85·2	85·2	85·0	83·7	82·3	80·6	79·2	78·4	77·9	77·6	77·0	76·3	79·0
13	76·1	75·9	75·5	75·1	74·6	74·4	74·4	75·1	76·7	78·4	80·0	81·6	82·1	82·5	82·5	81·8	80·0	78·4	77·8	77·2	76·9	76·6	76·1	75·6	77·7
14	75·1	74·8	74·3	73·9	73·5	73·4	73·4	74·5	75·9	77·6	79·7	81·1	82·3	83·2	83·2	82·4	81·0	79·1	77·4	76·7	76·2	74·7	75·0	75·0	77·2
15	73·2	73·1	72·5	71·6	71·6	71·3	72·1	73·1	74·5	76·6	79·0	81·2	82·9	84·2	85·0	85·6	85·2	83·6	81·0	79·9	80·0	79·4	79·0	78·4	78·0
16	78·1	77·9	77·9	77·6	77·4	77·4	77·4	77·9	78·8	81·3	83·6	85·2	86·1	85·1	82·5	81·6	81·1	80·0	79·0	77·9	76·6	75·8	75·5	75·0	79·5
17	74·2	74·0	73·2	72·5	72·2	72·3	72·0	73·1	75·3	76·9	78 1	79·0	79·3	80·1	80·3	80·4	80·0	79·5	78·0	77·6	77·3	77·5	76·9	76·6	76·5
18	76·1	75·3	74·6	74·0	73·5	73·5	73·3	74·4	75·9	77·1	78·0	78·7	79·5	80·0	80·3	80·5	80·2	79·0	76·9	76·0	75·6	75·2	75·4	74·5	76·6
19	74·2	74·0	73·4	72·4	72·2	72·0	71·8	73·2	76·0	78·0	79·2	80·2	81·7	82·0	82·9	83·1	82·9	82·1	79·1	76·9	76·1	74·7	75·1	76·6	77·0
20	76·0	75·6	75·2	75·0	74·7	75·1	75·3	75·5	76·4	77·6	78·1	78·2	78·2	78·4	78·4	77·1	76·6	76·0	75·7	75·5	75·3	75·6	75·9	76·5	76·3
21	76·7	76·6	76·6	76·5	76·5	76·5	76·6	77·0	77·6	78·3	79·0	79·0	79·0	78·5	79·4	79·5	79·3	79·1	78·6	77·8	76·0	75·7	76·5	77·1	77·6
22	77·4	78·1	79·5	80 1	80·8	80·9	81·3	82·0	82·7	83·5	84·4	84·9	85·6	86·4	86·4	86·4	86·2	84·5	82·8	82·9	82·4	81·8	81·9	82·3	82·6
23	81·9	82·0	82·3	82·5	82·3	82·3	82·4	82·9	83·4	83·9	84·9	85·0	86·2	86·4	86·5	85·9	85·2	84·5	84·0	83·5	83·9	83·8	83·5	83·6	83·8
24	83·3	83·1	82·9	82·9	83·0	83·1	83·2	83·9	83·9	84·5	84·5	85·3	85·6	85·6	87·0	87·0	86·5	85·7	84·6	83·1	82·0	80·9	80·1	79·7	**83·9**
25	79·3	79·7	81·2	81·4	81·5	81·6	81·6	81·6	81·7	81·9	82·7	83·5	84·7	84·2	84·6	84·5	84·7	84·3	84·2	83·9	83·6	83·6	83·1	83·1	82·7
26	83·0	81·5	80·0	79·9	79·6	79·3	79·2	79·1	79·3	79·4	79·2	79·6	79·6	79·3	79·1	79·1	79·0	78·8	78·6	78·1	77·6	77·2	77·1	77·2	79·3
27	77·5	77·5	77·0	76·6	75·7	75·1	75·2	75·7	76·0	76·2	76·9	77·2	78·0	78·1	78·1	77·9	77·6	77·5	77·2	76·9	76·5	76·1	75·9	75·7	76·8
28	75·6	75·5	75·3	75·2	75·2	75·6	75·8	76·1	76·6	77·0	77·6	78·0	78·2	79·0	79·3	79·1	79·0	78·7	78·2	77·6	77·1	76·2	75·6	75·2	77·0
29	75·2	75·1	75·1	75·1	74·2	74·3	75·2	76·2	76·7	77·5	77·3	77·9	78·9	79·1	79·8	79·5	79·1	78·6	77·8	76·9	76·1	75·5	75·0	74·8	76·7
30	74·4	74·6	74·6	74·1	73·9	74·0	74·7	76·0	77·1	77·7	78·2	79·0	78·5	78·9	78·8	79·1	79·8	79·1	77·9	77·1	76·5	75·2	74·2	73·9	76·6
31	73·7	73·4	74·2	74·8	75·1	75·3	75·6	75·6	76·2	77·0	77·4	77·5	78·0	78·5	79·1	79·7	79·9	78·5	77·9	77·5	77·5	76·5	75·5	74·7	76·6
Mean ...	76·0	75·7	75·5	75·2	75·1	**75·0**	75·1	75·7	76·7	77·8	79·1	80·1	81·0	81·4	**81·7**	81·3	80·7	79·5	78·5	77·7	77·1	76·6	76·4	76·3	77·7

400. Richmond (Kew Observatory) : North Wall Screen : h_b = 3·0 metres.

April, 1924.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	75·0	75·0	74·9	74·8	75·1	75·4	75·7	76·4	76·9	77·9	78·1	77·6	79·0	80·0	80·5	81·1	80·5	79·8	78·9	77·9	76·9	75·9	75·0	74·4	77·2
2	74·1	74·0	73·5	73·2	73·0	73·4	74·7	75·9	77·2	77·5	78·0	78·5	78·8	79·1	79·2	78·2	77·6	77·2	76·3	76·1	75·8	75·7	75·6	75·6	76·1
3	75·5	75·5	75·6	75·7	75·2	74·7	75·0	75·5	76·0	76·5	77·9	78·0	78·2	79·6	79·0	78·4	78·0	77·3	76·8	76·6	76·1	75·7	75·5	75·2	76·6
4	75·5	75·6	75·3	75·2	74·7	75·1	75·7	76·5	76·9	76·4	76·1	77·1	77·7	78·0	79·1	79·6	79·7	78·5	79·1	78·6	78·0	77·1	76·1	76·0	77·0
5	75·9	75·6	75·4	75·1	74·9	74·7	75·1	75·7	76·8	78·2	80·7	81·8	83·1	83·5	84·1	83·2	82·3	81·0	79·2	78·1	78·0	77·0	75·7	74·8	78·4
6	74·0	73·1	73·1	73·6	74·2	74·5	74·7	75·2	76·5	77·2	78·7	79·4	80·2	81·4	81·7	82·3	82·2	81·1	79·2	77·6	76·3	76·1	76·5	76·9	77·3
7	77·2	77·1	77·0	76·9	76·9	76·8	76·8	77·8	79·6	81·6	83·4	84·9	85·9	86·2	86·6	86·6	86·0	85·5	84·0	83·0	81·5	80·4	79·4	78·5	81·2
8	77·7	77·3	77·1	77·4	77·5	77·5	78·1	79·6	81·4	82·3	83·8	84·1	84·8	84·1	84·0	84·6	83·8	82·8	82·0	80·9	79·9	78·8	78·0	77·0	80·6
9	76·6	76·5	76·5	75·4	75·5	75·1	75·9	77·0	77·2	79·1	79·3	80·0	78·7	79·8	79·4	79·3	76·0	77·0	76·5	75·8	75·6	75·5	74·9	74·4	77·0
10	73·6	73·0	72·2	72·0	71·9	72·1	73·3	75·3	76·7	75·6	74·0	76·8	78·0	79·1	80·1	78·5	77·5	76·4	76·2	76·2	75·5	75·0	74·8	74·5	**75·3**
11	74·4	74·5	74·9	75·4	75·3	75·3	75·0	75·0	75·5	75·9	74·4	75·5	75·7	76·0	76·0	75·8	76·4	76·5	76·1	75·6	74·6	74·0	74·2	73·6	**75·3**
12	75·2	75·7	74·2	74·4	74·9	75·7	76·1	77·2	78·3	78·5	78·0	78·1	79·6	79·2	80·8	78·2	79·0	77·4	77·0	76·9	77·0	76·5	76·1	76·0	77·0
13	75·4	74·9	74·8	74·5	74·1	74·0	74·9	76·0	77·6	79·0	80·0	81·0	82·4	83·6	83·1	82·2	81·0	79·0	78·7	78·7	79·1	79·5	80·0	81·0	78·4
14	81·0	80·9	80·9	81·0	81·1	81·5	82·0	82·3	82·8	83·0	83·4	83·8	84·0	84·9	86·3	86·9	87·0	85·2	84·1	82·7	81·0	80·0	79·3	78·4	82·7
15	78·5	78·6	78·7	78·4	77·9	77·9	77·9	77·7	78·2	79·4	81·0	81·9	82·5	83·2	83·9	84·1	83·9	83·4	82·2	81·5	79·3	77·4	77·5	76·2	80·1
16	76·1	75·6	74·9	74·3	74·0	74·8	76·1	77·9	81·0	82·1	82·6	83·3	84·3	84·4	85·0	85·5	85·5	85·2	84·0	80·8	79·9	80·5	78·8	77·8	80·1
17	77·5	78·0	78·5	78·1	76·9	76·2	77·1	79·6	81·5	82·5	83·4	84·1	84·8	85·3	85·6	85·9	86·1	85·0	82·9	81·6	80·2	79·9	78·5	77·3	81·1
18	77·8	76·3	75·4	73·5	74·0	73·8	76·0	78·9	81·7	83·8	85·1	85·9	86·5	87·8	88·2	88·1	88·4	87·0	86·0	84·9	83·9	83·1	82·1	81·0	82·0
19	80·8	80·0	79·8	79·5	79·6	80·1	81·4	83·9	85·6	86·9	88·4	89·0	90·1	90·4	90·0	90·6	90·2	89·4	88·0	86·9	86·2	85·0	83·8	83·2	85·3
20	82·4	82·1	81·8	81·5	81·1	81·5	82·0	83·3	85·5	87·0	88·5	90·0	91·5	91·7	92·0	91·6	91·4	91·0	90·5	88·9	86·6	86·0	85·5	85·1	86·6
21	85·0	85·0	84·0	83·5	82·9	83·5	85·0	87·7	89·0	90·0	91·3	92·2	93·4	94·0	94·5	94·6	94·7	93·7	88·9	84·9	83·4	82·6	82·5	82·4	**87·9**
22	81·8	82·3	82·2	82·0	82·4	82·3	82·6	83·8	84·3	85·4	86·4	87·8	88·4	88·5	88·7	87·8	87·3	86·3	85·8	84·8	84·0	83·7	83·0	82·8	84·8
23	82·1	81·8	81·1	79·0	78·8	78·8	79·0	79·3	79·5	80·1	81·0	82·0	82·7	83·9	83·8	84·1	83·4	82·1	81·5	81·2	81·1	80·9	80·9	81·0	81·3
24	81·0	81·1	81·2	81·5	81·8	82·4	83·5	84·7	86·2	87·8	87·9	87·9	87·4	87·3	87·5	87·6	87·7	87·1	86·6	85·7	85·0	84·9	84·8	84·8	85·1
25	84·8	84·8	84·6	84·4	84·2	84·2	84·8	85·4	85·4	85·0	86·1	87·8	88·6	89·6	89·6	89·6	90·5	90·5	88·5	86·5	85·5	85·4	85·0	85·1	86·5
26	84·0	84·0	83·5	82·7	82·9	83·8	85·0	86·0	85·6	85·8	85·9	84·5	84·3	85·4	85·9	86·5	86·3	86·0	84·9	84·0	83·4	83·4	83·6	83·5	84·7
27	82·8	82·7	82·0	81·3	80·8	81·1	82·0	83·1	84·3	85·0	82·9	81·9	81·8	82·5	83·1	83·8	84·4	84·4	82·4	81·7	81·2	81·0	80·6	80·3	82·4
28	80·9	81·4	81·9	82·1	81·9	81·4	80·9	81·9	83·4	84·2	85·1	85·9	84·9	85·8	85·7	85·8	85·5	85·2	85·0	84·6	83·8	83·7	83·2	82·6	83·6
29	82·7	82·4	82·7	81·4	81·6	81·9	82·4	82·9	83·5	84·4	84·9	85·1	86·4	86·9	86·7	86·4	85·5	83·7	82·6	82·3	81·9	82·0	83·0	83·4	83·6
30	83·2	83·5	83·3	83·2	82·8	83·3	83·8	84·6	84·3	84·5	85·1	85·9	84·9	84·8	83·4	84·8	84·7	84·3	84·0	83·8	83·6	83·6	83·0	83·0	84·0
Mean ...	78·7	78·6	78·4	78·0	**77·9**	78·1	78·7	79·9	80·9	81·7	82·4	83·1	83·6	84·2	**84·5**	84·4	84·1	83·3	82·3	81·3	80·5	80·0	79·6	79·2	81·0
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

401. Richmond (Kew Observatory : North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres. **May, 1924.**

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	82·5	81·7	81·3	81·4	81·4	81·3	81·3	81·4	82·1	83·9	85·3	83·7	85·4	86·6	87·3	85·3	86·9	87·0	85·4	83·9	83·4	82·5	81·6	80·8	83·5
2	80·9	80·6	79·8	79·9	80·3	80·8	81·4	81·6	82·1	84·2	85·0	86·7	87·5	88·4	88·9	89·0	88·6	87·9	85·5	84·4	83·9	83·7	83·7	83·5	84·0
3	83·3	83·0	83·3	82·9	82·5	82·9	82·9	83·4	84·2	84·8	86·2	86·0	86·7	88·0	86·5	84·0	85·4	85·1	84·8	84·0	82·2	81·3	81·1	81·2	84·0
4	81·2	81·1	80·8	79·9	79·2	79·8	80·6	81·0	82·1	83·1	84·0	84·1	84·5	84·6	83·2	85·0	84·2	85·5	82·4	81·5	81·3	80·9	80·0	79·0	82·1
5	78·5	77·7	77·1	76·5	76·6	77·6	79·2	80·5	81·6	82·1	82·9	83·9	84·1	83·3	84·4	84·6	84·2	82·9	82·6	81·4	80·5	79·6	79·0	78·8	**80·8**
6	78·5	77·6	77·5	76·9	76·7	78·9	80·8	82·1	83·8	84·4	84·8	85·4	86·4	86·4	86·6	86·9	86·5	85·2	84·4	83·2	82·1	81·4	81·1	81·1	82·4
7	81·0	80·5	80·4	78·9	79·5	80·1	81·1	81·9	82·8	83·8	83·9	84·5	85·9	84·5	85·0	85·8	84·9	84·9	81·9	81·3	81·0	80·1	79·6	79·2	82·2
8	78·5	78·3	77·9	78·3	78·7	79·7	80·9	80·8	81·3	81·9	81·9	81·9	84·4	84·4	84·7	81·9	82·0	81·6	81·6	81·6	80·5	80·0	79·5	80·2	80·9
9	80·4	80·3	79·2	78·4	78·0	78·8	80·2	81·3	82·4	83·2	83·9	84·9	85·9	87·4	88·0	89·2	87·9	86·6	85·4	84·6	83·9	83·9	83·3	82·8	83·3
10	83·1	83·8	83·9	84·0	84·3	84·5	85·0	85·4	85·8	86·4	87·9	87·4	85·5	84·9	84·8	84·9	84·8	84·6	84·2	83·8	83·5	83·2	82·8	83·3	84·6
11	83·0	82·9	82·8	82·6	82·4	82·8	82·9	84·0	84·7	85·8	86·3	87·8	87·9	88·3	88·7	88·3	87·9	86·7	85·4	84·0	83·3	82·9	82·7	82·7	84·9
12	82·9	83·3	83·4	83·8	83·8	83·9	84·7	85·7	85·5	86·6	86·5	87·1	87·2	87·8	88·2	87·7	87·6	86·5	85·8	85·0	83·8	82·9	82·5	83·3	85·2
13	84·4	85·2	85·6	85·6	85·7	85·8	86·3	87·1	87·5	88·0	88·5	88·9	89·8	89·0	88·7	91·0	90·6	91·8	90·4	87·0	85·1	83·7	83·7	83·6	87·2
14	83·8	84·3	84·2	84·4	84·3	85·3	86·5	88·8	90·6	92·5	93·2	94·2	95·1	94·5	94·6	93·2	92·5	90·2	88·6	87·6	86·7	86·5	85·7	85·5	88·8
15	84·8	84·0	83·1	82·6	82·1	83·3	84·7	86·1	87·0	88·3	89·6	90·0	91·1	91·2	91·3	91·3	90·5	89·5	88·6	87·9	86·9	86·3	86·0	85·0	87·1
16	84·7	83·5	82·7	81·8	82·0	83·1	83·3	84·1	85·4	86·1	86·5	87·4	87·7	88·7	88·7	89·5	89·5	89·2	87·3	86·1	84·8	83·6	82·0	81·8	85·5
17	80·8	80·0	78·8	78·3	79·0	80·1	81·5	84·6	86·9	87·6	88·5	89·9	91·0	91·6	92·1	92·2	92·0	90·3	89·1	87·6	87·0	86·1	85·5	85·4	86·0
18	85·2	84·8	84·6	84·7	84·8	85·1	85·6	85·8	86·6	87·6	89·0	91·0	92·6	92·6	91·4	90·5	87·6	88·1	88·0	87·6	87·6	87·5	87·0	87·0	87·6
19	86·6	86·3	86·0	86·1	85·8	87·2	88·4	89·1	89·8	91·2	92·6	93·1	95·0	95·8	96·0	96·0	96·4	95·2	92·1	90·5	88·8	88·2	87·1	85·9	90·4
20	85·6	84·6	84·6	84·2	83·7	85·1	86·8	89·0	90·9	91·9	92·3	93·0	93·3	92·8	93·4	93·2	92·8	91·6	90·2	89·2	88·5	87·5	87·0	85·5	89·4
21	85·7	85·0	84·3	83·9	84·5	85·5	88·9	92·0	93·3	94·2	94·4	95·2	95·3	94·0	94·6	94·5	94·5	93·9	92·9	91·7	90·0	89·7	89·4	89·0	**90·6**
22	88·2	88·4	88·2	87·9	87·8	87·6	88·4	89·4	90·0	90·7	91·7	93·0	91·9	91·9	91·6	90·6	90·2	90·0	89·5	88·6	88·0	87·1	86·1	86·1	89·3
23	86·0	86·0	85·9	85·7	85·8	86·3	86·8	88·1	88·3	89·0	89·6	89·4	89·0	88·5	89·7	89·2	87·0	86·9	86·5	86·0	85·4	84·8	84·1	83·1	87·0
24	83·0	82·6	81·9	81·9	82·1	82·8	83·6	83·3	83·9	85·2	85·9	86·4	85·8	86·1	84·7	86·3	88·0	87·1	86·2	85·5	85·1	84·8	84·8	84·9	84·6
25	84·6	84·5	84·5	84·1	84·4	85·0	86·3	87·0	86·0	87·5	88·4	86·6	87·5	88·9	87·1	87·0	87·9	87·7	87·3	85·5	85·0	84·7	83·7	83·0	86·0
26	82·6	82·1	81·6	81·0	81·8	82·9	83·6	85·0	85·6	87·3	88·3	88·7	89·5	89·7	90·0	90·5	89·9	89·4	88·4	87·6	86·8	85·6	84·7	83·8	86·1
27	83·4	83·4	83·0	81·9	82·6	84·3	85·6	86·9	88·1	88·6	89·6	90·2	90·7	90·7	90·9	91·5	92·1	91·9	90·7	87·8	86·4	85·1	84·5	83·1	87·2
28	82·2	81·5	81·0	81·1	81·0	81·0	82·6	85·0	88·0	90·4	92·4	92·9	93·6	95·3	95·0	94·8	94·0	92·9	91·4	89·5	88·2	87·9	87·3	86·9	88·1
29	86·5	86·0	85·9	86·0	86·2	86·3	88·3	89·7	91·3	92·9	93·9	94·4	94·9	95·8	95·5	93·4	92·2	92·0	91·5	87·7	86·9	86·4	86·5	86·4	89·9
30	86·5	86·1	86·0	86·1	86·0	86·1	86·5	87·0	88·4	89·2	90·3	91·7	92·9	93·9	94·0	94·1	94·1	94·2	92·6	91·6	90·6	89·4	89·2	89·4	89·8
31	89·8	88·0	87·6	87·5	87·9	88·5	89·2	90·8	93·0	92·9	91·0	92·0	93·0	92·9	93·0	93·3	92·7	91·9	90·9	90·0	89·0	89·3	89·3	89·1	90·5
Mean ...	83·5	83·1	82·8	**82·5**	82·6	83·3	84·3	85·4	86·4	87·5	88·2	88·7	89·4	89·6	**89·6**	89·5	89·2	88·7	87·5	86·3	85·4	84·7	84·2	83·9	86·1

402. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres. **June, 1924.**

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	87·0	86·2	86·0	85·6	85·6	86·4	87·3	88·1	88·9	89·4	90·3	90·5	90·9	91·6	86·8	88·2	88·8	87·9	87·4	86·9	84·8	84·5	84·5	84·4	87·5
2	83·5	83·0	82·5	82·2	82·0	82·0	82·8	82·9	84·3	85·3	85·9	85·0	86·5	87·9	89·1	90·0	90·1	85·3	85·8	85·9	85·4	83·2	82·2	82·0	84·8
3	81·8	81·5	81·1	80·7	80·6	81·1	82·5	83·6	85·1	86·2	86·8	87·5	88·8	89·0	88·9	88·5	87·9	86·5	86·0	85·7	85·6	85·6	85·2	85·1	85·0
4	84·9	84·7	84·5	84·7	84·3	84·9	86·1	86·1	87·4	87·4	87·6	87·0	86·1	86·6	86·1	85·7	85·1	85·1	84·8	84·8	84·5	84·4	84·4	84·3	85·5
5	84·4	84·5	84·1	83·5	83·3	83·1	83·1	83·8	85·0	86·4	87·4	87·6	88·0	88·6	88·6	88·9	89·2	88·1	87·9	86·0	84·5	83·5	82·4	81·8	85·6
6	81·4	82·0	81·0	81·0	82·0	82·6	83·8	85·1	87·4	89·1	89·8	90·4	91·0	92·5	91·9	92·2	91·6	90·4	89·3	88·4	87·7	87·2	86·5	86·1	87·0
7	86·1	85·4	84·9	84·9	85·0	85·5	86·9	88·2	89·7	91·0	92·5	93·7	94·7	93·8	93·2	93·4	92·5	92·1	91·5	90·8	89·2	88·5	88·0	87·7	89·5
8	87·6	87·4	86·8	86·6	86·5	85·6	86·6	87·1	87·8	88·0	89·3	89·1	88·2	90·9	91·5	88·3	90·4	86·4	88·1	87·7	86·7	86·1	85·8	85·7	87·7
9	85·6	85·7	85·6	85·6	85·5	85·8	86·5	87·5	88·7	89·0	89·0	89·6	91·2	90·6	90·2	90·5	91·9	90·6	89·8	89·1	88·0	87·4	87·2	85·4	88·2
10	85·5	85·8	85·6	85·2	85·8	86·0	87·0	88·1	88·9	89·7	89·8	91·0	91·7	90·7	90·3	89·5	89·8	90·2	89·1	88·2	87·2	87·0	86·9	86·5	88·1
11	86·8	86·9	86·9	86·9	86·6	87·1	87·2	86·6	85·9	86·2	86·6	88·0	88·5	89·7	91·0	90·0	90·0	90·3	89·1	87·8	86·8	86·1	86·2	86·0	87·6
12	85·0	85·2	85·4	85·4	85·9	86·1	86·6	88·0	88·0	89·6	88·0	87·7	89·1	89·8	90·8	88·1	87·1	88·1	88·1	87·6	85·9	85·8	85·6	85·9	87·2
13	85·6	85·5	84·7	84·7	84·5	84·0	84·5	84·8	85·0	84·3	83·5	83·5	83·5	84·5	84·9	85·4	85·2	84·9	84·2	83·5	82·5	82·0	81·3	81·0	84·2
14	80·8	80·4	80·1	80·0	80·2	80·6	80·9	81·1	81·8	82·2	83·2	83·6	84·9	86·0	87·7	87·9	88·5	89·4	89·2	86·4	84·7	82·9	81·9	82·3	**83·6**
15	81·5	81·4	81·1	82·1	82·9	83·2	83·5	84·6	85·8	87·9	89·4	90·8	91·9	92·8	93·3	93·2	92·9	92·8	92·9	91·0	88·8	87·6	86·9	86·6	87·6
16	86·3	85·9	85·4	84·3	84·8	86·9	88·1	89·3	90·6	91·9	93·0	93·7	94·6	95·3	95·7	95·6	94·7	94·3	92·5	91·1	90·5	89·4	88·7	88·4	90·4
17	88·0	87·2	87·0	86·8	86·9	87·4	88·3	90·2	92·3	92·9	94·7	94·6	95·4	95·8	96·7	97·8	98·0	97·9	96·5	95·2	94·2	92·9	91·0	90·0	92·4
18	89·2	87·6	87·1	85·9	87·1	88·0	88·6	89·8	91·2	92·3	91·7	93·0	93·9	94·1	94·9	95·2	94·9	95·2	93·8	91·9	89·7	89·6	87·8	86·8	90·9
19	86·3	86·3	86·6	86·0	86·0	87·0	87·6	89·7	90·1	91·9	92·0	92·8	93·5	93·5	92·9	94·0	93·5	93·8	93·3	91·2	88·9	87·3	86·6	84·7	89·9
20	85·8	85·2	84·9	85·0	85·3	85·4	86·8	88·0	88·7	89·0	91·4	90·5	91·4	92·1	92·5	92·5	91·7	90·4	92·0	89·5	88·5	87·4	86·2	85·2	88·5
21	84·6	83·9	83·5	83·1	84·2	84·5	85·8	87·4	88·5	89·9	90·4	91·3	91·5	93·3	93·0	93·7	91·5	92·1	91·1	90·1	88·7	88·2	87·6	87·0	88·5
22	86·0	85·2	84·5	84·1	84·0	85·7	87·3	88·5	89·2	90·1	90·6	91·4	92·4	92·7	93·1	93·2	94·0	94·4	93·5	91·5	88·6	87·0	86·4	85·7	89·2
23	85·5	84·6	84·1	83·9	84·9	86·1	88·0	90·0	91·2	91·9	93·0	93·4	94·4	94·9	95·3	95·3	95·7	94·8	94·2	92·9	91·3	90·0	89·0	88·3	90·5
24	87·3	86·5	86·1	86·8	87·3	88·9	89·8	90·5	91·4	92·0	93·0	94·6	95·0	95·3	95·9	96·1	96·1	95·8	94·5	93·7	92·6	91·3	90·5	90·0	91·7
25	89·4	88·9	88·5	88·3	88·4	88·4	89·1	90·1	90·6	92·0	92·9	93·8	94·8	95·8	96·6	96·5	97·3	96·8	96·9	94·9	93·5	92·3	91·0	90·4	92·4
26	89·6	88·8	88·4	87·9	88·2	88·8	88·9	89·5	91·3	93·4	94·0	95·6	96·6	97·1	97·8	98·4	98·4	98·2	97·5	94·9	92·8	91·0	89·8	88·8	**92·8**
27	88·8	88·4	88·4	87·8	87·6	87·5	88·0	89·2	89·9	90·5	91·1	91·4	92·0	93·9	95·1	94·1	93·9	91·6	90·9	90·1	89·2	88·6	87·9	87·2	90·2
28	86·2	85·1	84·1	83·8	84·4	85·1	86·4	87·6	88·6	89·0	89·8	90·3	90·4	90·9	90·8	90·8	90·8	89·9	89·5	88·5	88·1	87·9	87·9	87·9	88·1
29	87·3	86·9	86·9	87·0	87·1	87·9	88·6	88·9	89·3	89·6	89·9	91·3	92·5	92·7	92·9	93·7	92·9	91·9	90·4	89·7	89·0	88·5	88·4	88·0	89·6
30	87·9	87·8	87·5	86·9	86·6	87·1	87·9	87·9	88·7	89·7	90·1	90·7	90·4	91·8	92·5	92·9	93·2	90·9	90·0	88·5	87·4	86·1	85·2	83·3	88·9
Mean ...	85·9	85·5	85·1	**84·9**	85·1	85·6	86·5	87·1	88·4	89·3	89·9	90·8	91·1	91·8	**92·0**	92·0	91·9	91·2	90·7	89·5	88·5	87·3	86·3	86·1	88·4
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

403. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres.

July, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	82·1	82·1	82·0	81·2	80·8	82·7	84·6	86·7	88·1	88·7	90·7	91·1	90·9	90·7	93·4	94·1	93·2	92·2	91·0	88·6	87·3	86·6	86·2	86·2	87·5
2	86·4	86·0	86·2	85·7	86·0	86·3	87·1	88·1	89·5	91·1	92·1	92·0	93·2	93·4	92·4	91·9	92·4	91·9	90·9	89·7	88·6	88·2	88·0	87·6	89·3
3	87·6	87·7	87·4	87·1	87·0	87·5	88·3	88·8	90·1	90·7	91·5	91·0	90·1	89·1	88·6	89·6	90·2	90·1	89·4	88·4	87·7	86·8	86·3	86·1	88·7
4	85·9	85·1	85·0	84·9	85·1	86·3	87·2	88·3	89·0	90·0	91·1	91·7	92·3	92·2	92·9	91·9	92·5	92·1	90·8	89·6	88·7	87·5	86·5	85·9	88·9
5	85·7	85·0	84·8	84·4	85·5	86·7	87·4	88·0	89·3	90·1	90·0	91·2	92·7	92·6	92·2	92·9	92·8	90·6	90·4	88·9	88·0	87·8	87·8	87·8	88·8
6	87·6	87·5	86·1	85·6	86·4	86·9	87·6	88·1	89·1	89·2	90·0	91·0	91·0	91·9	92·0	93·0	93·0	92·2	90·9	89·9	88·4	87·4	86·4	86·0	89·1
7	85·3	85·0	85·8	86·1	87·1	88·3	89·3	89·9	89·2	89·6	89·9	91·2	92·7	92·7	93·7	94·0	94·9	94·7	04·1	92·0	90·1	88·6	87·7	87·2	89·9
8	87·4	87·4	87·1	86·6	87·1	87·2	87·9	88·4	89·5	91·1	93·2	93·9	95·2	96·2	96·9	96·6	96·9	96·0	93·9	91·9	90·2	89·1	88·6	87·9	91·1
9	87·5	86·5	86·1	86·0	86·5	86·9	86·9	88·0	89·1	91·1	92·8	94·0	95·2	95·9	96·4	97·5	96·9	97·2	96·8	93·6	92·3	90·9	89·7	89·0	91·3
10	88·1	87·9	87·0	87·1	86·9	87·7	89·4	91·4	93·7	94·8	95·8	96·6	97·5	96·6	96·8	96·7	96·8	96·1	95·4	92·9	90·8	89·6	89·0	88·6	92·2
11	88·0	87·3	87·1	86·4	86·9	87·9	89·0	90·2	91·5	92·5	94·1	96·1	97·3	98·1	99·5	00·3	00·6	00·2	99·1	95·9	93·6	91·4	90·7	89·3	93·0
12	90·3	90·0	89·6	89·2	90·1	91·1	93·1	96·1	98·2	99·2	00·2	01·1	02·0	02·5	02·8	02·5	02·5	02·1	01·5	99·6	97·3	96·0	93·0	91·1	**96·7**
13	90·3	90·0	89·5	88·9	88·8	89·5	89·9	90·9	92·2	92·4	92·2	93·6	94·9	91·0	93·9	94·2	94·3	93·9	93·2	90·9	89·5	88·4	87·6	86·6	91·2
14	86·0	85·6	84·5	84·4	85·4	86·5	87·7	88·8	90·3	91·9	93·6	94·6	95·6	96·2	96·8	97·1	97·6	97·4	96·6	93·2	91·7	89·9	89·0	87·0	91·1
15	86·4	85·6	85·0	84·5	85·0	86·6	88·4	90·1	92·0	93·0	94·6	95·0	96·3	97·7	97·1	97·6	97·9	97·5	97·1	94·9	92·2	90·0	88·9	87·6	91·7
16	87·7	87·4	88·5	89·0	88·9	89·1	90·3	91·0	91·6	91·6	92·1	93·2	94·7	94·8	96·0	95·4	95·3	94·8	94·0	92·0	90·1	89·0	88·2	87·3	91·3
17	86·4	85·7	85·9	85·5	85·4	86·5	86·8	88·6	90·3	90·7	90·9	90·4	90·3	90·2	89·3	87·9	87·1	85·9	85·4	85·8	85·9	84·4	84·3	84·3	87·3
18	84·1	84·2	83·8	83·0	83·7	84·3	86·0	87·0	88·2	89·5	90·2	90·7	91·1	90·6	91·2	91·1	92·0	91·0	90·3	89·2	88·5	87·7	87·0	86·4	87·9
19	86·1	85·9	86·0	85·9	86·0	86·3	87·2	88·5	89·4	90·4	90·7	90·3	91·3	92·5	92·8	92·4	92·1	91·5	91·0	90·5	89·0	87·9	86·1	86·1	89·0
20	85·6	85·0	84·4	83·4	83·0	85·1	86·8	89·1	90·7	92·0	92·5	93·3	93·7	94·6	94·8	94·5	93·6	93·2	92·6	91·4	90·2	89·9	89·5	89·1	89·9
21	88·9	89·0	89·4	89·0	88·9	88·9	88·6	88·9	89·6	89·1	90·1	90·1	91·5	92·9	92·5	92·0	94·6	96·1	95·2	92·0	88·9	87·3	86·6	85·5	90·3
22	85·9	85·0	84·6	84·9	84·6	86·3	86·5	88·1	90·1	91·8	93·4	93·5	93·5	92·0	90·0	91·0	90·0	90·0	88·8	87·6	87·2	86·7	85·7	85·5	88·4
23	85·6	85·8	85·9	87·0	87·0	87·0	87·3	88·1	89·5	90·7	91·4	91·9	92·9	91·6	93·0	93·5	93·2	92·3	91·4	90·0	89·0	88·9	88·9	88·7	89·5
24	88·6	88·6	87·9	87·4	86·5	86·3	86·5	87·1	88·3	88·6	89·0	89·7	90·3	90·0	90·0	91·0	91·0	90·8	90·0	89·2	88·1	86·6	86·1	85·6	88·5
25	85·1	85·0	84·6	84·5	85·2	86·4	87·3	88·1	88·9	89·2	89·4	90·0	90·1	90·0	89·5	87·4	87·1	86·4	86·2	86·1	85·9	85·5	85·7	85·6	87·1
26	85·6	85·5	84·9	84·6	84·6	85·0	85·5	86·7	87·2	88·0	89·1	89·0	89·7	90·6	87·8	88·1	88·5	88·6	89·0	86·9	86·2	85·0	85·0	85·0	**36·9**
27	84·1	83·6	83·1	82·8	83·0	83·4	84·8	86·3	88·0	88·9	89·8	90·4	90·9	92·4	92·2	93·0	92·6	91·3	90·3	88·9	88·5	87·6	86·9	86·7	87·9
28	86·4	86·2	86·3	86·4	86·0	86·2	86·8	87·0	87·7	88·3	88·0	88·0	88·0	88·0	87·9	88·6	88·6	88·5	88·7	88·0	87·3	86·9	87·0	85·6	87·4
29	85·0	84·5	84·1	83·5	84·0	85·4	86·7	87·8	88·8	89·9	89·2	88·0	91·4	89·1	90·3	88·1	89·4	90·8	90·0	89·0	88·2	87·9	87·1	86·5	87·7
30	85·4	84·9	84·6	84·4	84·0	85·0	84·9	86·0	87·0	88·1	90·0	91·3	92·8	92·9	94·2	93·7	94·3	94·6	92·9	91·7	90·3	89·5	88·0	87·0	89·1
31	86·5	86·2	85·9	85·6	85·9	86·7	87·9	89·0	89·8	90·5	91·5	91·6	92·0	93·3	92·9	93·3	92·6	91·6	91·0	90·5	89·6	88·5	88·3	87·7	89·5
Mean ...	86·5	86·2	85·9	**85·7**	85·9	86·7	87·5	88·7	89·9	90·7	91·6	92·1	92·9	93·0	93·2	93·3	**93·4**	92·9	92·2	90·6	89·3	88·3	87·6	87·0	89·6

404. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

August, 1924.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	87·0	86·9	87·0	87·1	87·3	87·5	88·7	89·6	90·2	91·3	91·4	91·9	92·2	91·5	91·4	91·5	90·9	90·1	89·6	88·9	88·0	88·2	87·9	87·9	89·3
2	88·0	87·8	87·5	87·4	87·5	87·7	87·9	88·2	89·5	89·4	88·3	89·5	88·0	90·1	88·6	90·2	88·8	88·4	89·5	88·1	87·6	87·3	86·9	86·5	88·3
3	85·8	85·1	84·7	85·0	84·9	85·3	86·9	88·1	89·4	90·0	90·9	91·0	91·0	90·0	88·3	89·0	88·5	87·9	87·5	87·0	86·6	86·8	87·3	87·7	87·7
4	88·3	88·5	88·4	88·4	88·1	87·9	88·0	88·1	88·8	89·6	90·1	90·2	90·2	90·1	91·0	91·0	91·0	90·2	90·4	90·1	89·6	89·5	89·5	89·5	89·4
5	89·5	89·4	89·6	89·6	89·7	90·0	90·9	92·1	93·0	93·4	94·5	94·9	95·9	95·0	95·1	94·1	93·2	93·9	93·0	91·0	89·9	89·0	88·1	87·2	**91·8**
6	86·3	86·1	85·9	85·9	85·9	86·0	86·4	87·1	87·6	88·2	89·7	90·1	92·3	93·3	94·1	94·3	93·5	92·7	90·5	88·2	87·2	87·2	86·9	86·4	88·8
7	85·6	85·6	85·4	85·0	84·8	84·8	85·2	86·0	86·9	87·5	89·0	89·9	90·6	91·0	91·4	90·1	89·1	89·9	89·1	87·8	86·8	86·0	85·3	84·9	87·4
8	84·9	84·4	83·9	83·2	82·5	83·0	83·9	85·5	87·1	89·0	89·9	90·8	91·7	92·0	91·6	92·7	91·7	91·8	91·2	89·6	88·8	87·9	87·4	85·5	87·9
9	85·2	84·1	84·1	83·9	83·4	83·7	86·1	87·8	89·1	90·0	91·1	92·2	92·4	93·1	94·9	94·3	94·5	93·0	91·9	89·6	87·9	86·5	85·5	85·0	88·7
10	84·5	84·3	84·0	83·5	82·3	83·8	86·0	88·1	89·9	91·0	92·2	93·3	93·7	94·3	94·8	94·8	94·2	92·9	91·6	90·0	89·0	87·8	86·7	86·7	89·1
11	86·1	85·0	84·9	84·8	85·0	85·8	87·7	89·1	90·9	92·9	93·6	95·6	96·0	96·4	96·8	96·6	95·3	95·4	93·8	91·2	90·0	88·5	87·2	86·4	90·6
12	86·9	86·9	86·7	86·9	87·1	87·8	88·5	89·2	90·3	90·4	91·3	91·2	91·8	92·7	93·3	92·9	90·9	90·4	89·7	88·8	86·8	86·3	85·9	85·9	89·1
13	85·7	85·1	84·3	84·2	85·7	87·2	88·1	89·6	89·8	90·8	90·1	90·9	91·9	91·1	90·9	92·0	91·8	91·5	91·2	89·2	89·1	88·8	88·6	88·0	88·9
14	87·4	86·9	86·5	85·7	85·3	85·4	86·3	87·5	89·7	91·0	91·7	93·2	93·5	93·1	92·3	91·4	90·3	90·0	89·6	89·0	89·0	89·1	88·8	88·5	89·2
15	87·4	86·8	86·1	85·5	84·9	85·0	86·0	86·9	87·7	89·0	89·6	90·8	91·3	89·4	91·1	87·5	88·5	91·0	88·7	87·3	86·9	87·0	87·1	86·8	87·9
16	86·0	85·5	85·0	84·0	82·9	84·4	86·2	87·9	89·3	90·0	90·1	91·0	91·3	91·9	92·0	91·2	90·5	88·8	88·1	87·5	87·3	87·5	87·3	87·2	88·0
17	86·5	85·8	85·0	84·5	84·4	84·6	85·5	86·4	86·1	86·9	88·8	91·2	92·9	92·7	92·4	91·5	89·0	89·9	88·7	87·9	87·8	87·1	86·9	86·3	87·9
18	85·9	86·0	86·0	85·9	85·8	85·9	86·1	87·0	87·2	87·5	87·5	88·7	89·4	90·5	87·2	88·3	87·1	87·6	87·2	86·1	85·5	85·0	84·9	84·4	86·8
19	84·0	83·6	83·5	83·0	82·6	83·1	84·9	85·9	87·1	88·6	88·9	87·5	88·6	90·3	88·9	90·1	89·8	89·4	87·5	86·1	85·0	84·6	84·0	83·6	86·3
20	83·5	83·0	82·7	82·0	81·5	81·5	83·6	84·8	86·6	86·9	87·5	89·2	90·0	90·3	90·8	90·1	89·2	87·3	86·4	86·2	85·9	85·5	85·3	85·2	86·0
21	84·9	85·0	84·4	84·5	84·5	84·6	86·1	87·0	87·8	88·8	89·5	89·7	90·0	89·6	90·2	90·0	89·8	89·0	88·1	87·5	87·1	86·7	86·4	86·4	87·4
22	86·1	85·6	85·7	85·5	85·3	85·3	87·0	87·7	88·9	88·7	90·0	90·0	87·2	87·6	87·9	90·0	89·6	87·9	86·1	85·5	85·3	84·9	85·1	85·1	87·0
23	85·3	85·4	85·3	85·0	84·3	84·3	85·0	85·5	86·8	88·0	88·7	90·0	90·0	88·9	90·0	90·5	90·0	88·1	87·4	86·8	86·6	86·1	85·7	85·0	87·0
24	84·4	84·2	84·2	84·3	84·7	85·0	85·2	85·4	85·1	86·0	85·5	86·3	86·8	87·9	88·0	87·9	86·0	86·0	85·5	85·1	85·2	85·1	84·9	84·5	**85·6**
25	84·2	84·0	83·6	83·4	83·3	84·0	84·8	86·0	86·8	87·9	88·3	87·8	89·8	89·3	88·8	88·9	88·4	87·6	86·2	86·3	86·3	86·0	85·0	85·0	86·3
26	85·2	84·5	84·7	84·5	84·8	84·9	85·4	86·0	87·3	88·7	89·5	89·7	90·1	89·3	89·5	89·0	89·0	88·6	87·6	86·7	86·2	86·1	85·4	84·9	87·0
27	84·6	84·3	84·3	84·0	83·9	83·7	84·7	86·0	86·2	86·6	87·3	87·7	87·6	88·2	89·6	88·9	89·2	86·6	86·1	85·5	85·2	84·5	83·9	83·5	85·9
28	83·3	82·9	82·6	82·3	82·2	83·0	84·1	86·1	87·6	89·1	90·1	90·8	90·0	90·2	89·6	89·2	88·6	88·1	88·1	88·0	87·7	87·5	87·3	87·3	86·8
29	87·0	86·9	86·8	86·9	87·1	87·2	87·2	87·5	88·2	88·9	89·2	91·2	91·4	91·2	90·9	89·5	89·0	88·1	87·3	87·1	87·5	87·2	87·0	87·0	88·2
30	87·2	87·1	87·2	87·1	87·2	87·6	88·1	88·4	88·9	90·0	90·4	91·0	91·5	92·3	91·9	91·7	90·9	90·9	90·0	89·6	88·6	88·2	87·8	87·5	89·2
31	87·7	87·8	87·8	87·9	88·3	88·8	89·1	89·9	90·6	92·1	91·5	91·9	92·9	92·9	91·0	91·5	91·8	91·0	89·4	88·4	87·5	86·7	86·1	85·8	89·0
Mean ...	85·9	85·6	85·4	85·2	**85·1**	85·5	86·4	87·4	88·4	89·3	89·9	90·6	91·0	**91·2**	91·1	91·0	90·3	89·8	88·9	87·9	87·3	86·9	86·5	86·2	88·0
G.M.T. ...	1.	2.	3.	7.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

405. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground)=3·0 metres.

September, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	85·8	85·5	86·0	86·6	86·8	87·0	87·7	88·0	88·4	89·0	89·9	89·4	90·0	90·6	90·5	90·5	90·1	89·6	89·1	88·9	88·6	88·2	88·1	87·5	88·4
2	87·5	87·1	87·0	86·8	86·9	87·0	87·4	88·2	89·3	89·9	90·0	89·9	90·5	90·8	90·1	90·2	90·4	90·0	89·0	88·5	88·5	87·7	86·6	86·6	88·6
3	86·2	85·6	85·9	86·1	86·5	86·5	87·0	87·5	88·9	89·8	90·0	90·0	90·5	90·5	91·0	90·9	90·0	88·6	88·5	88·5	88·6	88·4	88·1	87·9	88·4
4	87·2	87·0	87·0	87·0	86·8	87·1	87·5	88·0	88·2	88·5	87·9	88·4	89·1	89·3	89·9	88·0	88·3	88·5	88·0	87·8	87·7	87·8	87·6	87·4	87·9
5	87·2	87·0	86·1	85·1	85·7	86·0	86·6	87·4	88·8	89·8	90·5	91·1	92·0	92·4	93·4	92·7	91·6	90·5	88·8	87·8	87·4	86·1	85·2	84·2	88·5
6	85·3	85·5	85·0	84·7	84·7	85·1	86·1	87·1	87·7	88·2	90·0	91·1	92·9	94·1	94·0	94·3	92·9	91·9	91·5	90·6	90·4	89·8	89·9	89·6	89·2
7	89·0	89·2	89·3	89·2	89·2	89·0	89·2	90·3	90·5	90·6	91·2	92·3	92·7	93·0	93·4	92·8	92·8	91·9	91·6	91·0	91·0	90·5	89·9	89·5	**90·8**
8	89·7	89·2	89·0	88·9	88·7	88·5	89·4	90·0	90·8	91·7	92·0	92·4	92·5	92·8	92·5	92·8	92·7	92·2	89·9	88·6	88·2	88·5	88·8	88·2	90·4
9	88·4	88·7	88·3	88·1	88·3	88·4	89·0	90·4	90·1	90·3	90·0	88·9	89·3	89·4	89·3	88·5	85·5	85·2	85·6	85·2	85·0	84·1	84·0	83·0	87·7
10	83·3	83·2	83·1	82·9	82·6	82·5	83·0	83·4	83·9	84·6	85·0	86·0	86·4	86·8	86·7	87·2	86·4	86·6	84·6	83·5	83·0	83·0	82·8	82·2	84·3
11	81·6	82·3	82·8	84·2	85·0	85·6	86·4	87·0	88·5	89·0	90·0	90·3	90·4	89·2	91·0	91·0	90·2	89·6	88·4	87·7	87·5	87·6	87·6	87·2	87·4
12	87·0	87·1	87·6	87·5	87·6	87·6	87·9	88·5	89·3	89·3	89·9	90·4	91·4	91·3	90·4	89·1	89·2	89·2	89·2	89·3	89·2	89·3	89·3	89·1	88·9
13	89·4	89·5	89·6	89·5	89·5	89·4	89·8	90·0	90·6	91·6	92·1	91·5	92·0	92·2	93·1	92·2	91·7	90·9	90·5	89·9	89·7	89·3	89·2	89·0	90·5
14	88·6	88·5	86·9	85·9	85·5	85·0	85·1	85·4	86·8	88·1	88·8	89·2	90·4	90·0	90·7	90·2	89·7	88·0	86·5	85·6	84·9	84·1	84·0	83·6	87·3
15	83·6	83·6	83·0	83·1	83·5	84·5	85·2	86·1	87·2	88·9	89·2	89·9	90·3	89·4	89·7	89·0	88·9	88·0	87·4	87·2	87·1	86·7	87·1	86·5	86·8
16	86·5	86·8	87·0	87·0	87·0	86·8	87·0	88·1	88·7	89·4	90·0	90·2	90·5	89·7	90·3	90·3	90·0	89·1	88·6	88·2	88·5	88·6	88·6	88·5	88·5
17	88·7	88·8	88·9	89·0	89·0	89·0	89·0	89·4	89·9	90·0	90·6	91·0	90·8	91·5	90·7	90·2	90·0	89·9	89·8	89·0	88·7	88·5	88·3	88·0	89·5
18	87·2	86·9	86·1	85·1	84·5	84·3	84·4	85·5	87·1	87·9	88·9	89·2	90·2	90·9	90·4	90·5	90·2	89·0	87·3	85·2	85·2	84·0	84·5	83·7	87·1
19	82·9	82·8	82·1	81·7	81·5	81·6	82·1	83·8	86·4	87·4	89·1	90·1	91·1	90·9	90·8	89·8	89·0	88·5	88·1	88·0	87·5	87·4	87·1	87·0	86·5
20	88·0	89·0	88·7	89·1	89·4	89·2	89·6	89·8	90·0	90·7	90·9	90·5	90·7	90·4	90·6	90·8	91·0	90·2	90·1	90·0	89·9	90·0	89·5	88·5	89·8
21	87·4	86·7	86·2	85·9	85·5	85·2	85·5	86·1	86·8	87·5	88·5	88·3	89·1	89·8	89·3	89·1	88·4	87·4	86·6	86·0	86·0	85·6	85·4	85·0	87·0
22	85·0	85·1	84·9	85·3	85·3	85·4	85·0	86·0	85·9	86·5	86·2	87·7	85·9	86·9	87·1	87·3	86·9	85·9	84·3	83·0	83·0	83·1	82·5	83·0	85·3
23	84·2	85·7	85·9	86·4	86·3	84·6	84·5	85·0	85·0	85·8	86·2	86·8	87·0	87·3	87·6	87·8	87·1	86·0	84·5	84·0	83·8	84·2	83·8	84·0	85·5
24	83·5	83·3	83·1	82·9	82·8	83·1	83·1	83·5	84·4	85·4	86·1	86·2	87·7	88·2	88·6	88·1	87·9	85·9	84·0	82·6	82·0	81·3	81·8	80·8	84·5
25	81·2	82·5	83·0	82·7	83·3	83·4	83·7	85·2	86·0	86·3	85·1	85·1	85·0	86·1	86·0	85·5	85·2	85·0	83·8	83·7	84·9	85·1	85·0	85·0	84·4
26	85·0	85·0	85·0	85·0	85·0	85·0	85·0	85·2	85·4	86·1	86·6	86·0	85·2	85·3	86·1	86·0	85·8	85·9	85·9	85·3	85·3	85·5	85·5	85·6	85·5
27	85·2	85·3	85·1	85·1	85·2	85·1	85·3	85·4	85·7	86·4	86·9	88·0	88·9	89·0	89·0	88·5	87·7	86·2	85·0	84·0	82·5	80·7	80·0	80·0	85·5
28	78·4	79·3	79·7	79·5	79·8	79·0	79·0	79·5	80·4	81·9	84·5	87·1	88·5	89·3	89·0	89·0	88·2	86·5	85·1	84·2	83·7	82·9	83·4	82·8	**83·3**
29	84·0	84·7	84·4	85·0	85·2	85·3	85·4	86·2	87·1	87·5	88·7	89·2	89·5	89·5	89·3	89·2	88·1	87·4	87·0	86·7	87·2	87·9	88·0	87·5	87·0
30	86·9	86·6	86·5	86·5	86·6	86·5	86·3	86·6	88·0	89·0	89·9	90·0	89·6	90·0	90·0	89·1	87·9	85·6	85·3	85·1	85·1	85·1	85·0	85·0	87·2
Mean ...	85·8	85·9	85·8	**85·7**	85·8	85·8	86·1	86·7	87·5	88·2	88·8	89·2	89·7	89·9	**90·0**	89·7	89·1	88·3	87·5	86·8	86·7	86·4	86·2	85·9	87·4

406. Richmond (Kew Observatory) : North Wall Screen : $h_t = 3·0$ metres.

October, 1924.

	a	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	85·1	84·7	84·3	84·0	83·9	83·8	83·8	83·9	84·0	84·1	84·2	84·2	84·7	85·1	85·7	85·9	85·6	85·1	84·8	84·3	84·3	84·2	83·9	83·1	84·5
2	82·1	80·9	80·4	80·7	80·0	80·4	80·5	81·1	82·5	84·0	85·1	86·0	87·1	87·2	88·1	86·8	86·0	85·1	84·2	83·9	83·6	82·6	82·6	82·6	83·5
3	81·6	81·0	80·2	79·9	79·7	79·0	78·6	79·7	80·8	83·6	85·5	86·1	87·2	87·3	87·8	87·9	86·9	85·5	84·7	83·9	82·3	82·0	82·6	83·4	83·2
4	83·9	84·0	83·5	82·1	80·1	81·1	81·6	82·9	84·4	86·1	86·7	86·1	86·3	86·4	86·9	86·8	86·2	85·0	84·1	83·6	83·9	83·1	83·4	83·4	84·2
5	83·6	83·1	83·0	82·9	82·9	82·5	82·3	83·1	83·8	85·1	85·7	85·4	86·7	86·9	86·9	86·3	86·0	85·3	84·8	84·1	84·0	83·4	83·2	83·2	84·3
6	82·8	82·4	81·9	81·0	80·6	80·0	80·4	81·5	83·5	84·7	85·8	85·9	86·5	87·0	87·2	86·9	86·3	86·1	86·1	85·8	86·0	86·2	85·5	83·7	84·3
7	83·6	83·1	82·7	82·0	81·4	81·2	81·2	82·0	82·7	84·1	85·0	85·3	86·5	87·1	86·9	85·9	85·1	84·5	83·6	83·1	83·3	83·3	83·4	83·4	83·8
8	83·9	84·4	85·0	85·5	85·8	85·9	86·0	85·4	86·0	86·4	84·8	83·0	82·4	83·1	85·7	85·7	85·2	83·6	83·7	82·9	82·0	81·9	82·0	82·3	84·3
9	82·5	82·1	82·1	83·5	83·2	83·0	83·4	83·9	84·8	85·3	86·1	86·6	87·0	87·1	87·1	86·9	86·1	85·8	86·0	86·1	86·6	86·6	86·9	87·0	85·1
10	87·1	87·1	87·2	87·2	86·8	86·2	86·2	87·0	87·9	88·7	89·0	89·2	90·4	90·0	90·1	89·1	88·2	87·8	87·7	87·2	87·6	87·7	87·7	87·3	**87·9**
11	87·1	87·1	86·9	86·3	86·5	86·6	86·6	86·8	87·6	88·0	87·8	87·9	87·9	87·9	87·4	87·2	87·0	87·0	86·9	87·1	87·1	87·2	87·1	86·9	87·2
12	86·6	86·5	85·6	85·1	85·6	85·2	85·7	86·1	87·3	88·4	89·1	89·9	90·4	90·7	91·2	90·7	89·1	87·7	87·6	87·3	86·7	86·2	85·9	85·1	87·5
13	85·0	83·8	83·9	84·1	84·7	84·7	84·5	84·5	85·0	86·0	90·0	91·5	92·5	92·6	92·5	91·6	88·9	87·0	87·0	86·2	85·6	83·8	82·1	82·1	86·7
14	82·8	83·5	84·4	84·0	83·6	83·1	83·6	83·9	84·0	84·5	85·6	86·5	89·5	90·2	90·9	90·4	89·3	88·5	87·2	86·8	86·2	86·0	85·9	85·8	86·0
15	85·6	85·7	85·9	85·7	85·6	85·2	85·2	85·6	85·9	86·3	86·4	86·4	86·5	86·5	86·0	85·7	85·3	85·2	85·0	85·4	85·3	85·1	85·1	85·0	85·7
16	85·0	84·9	84·7	84·6	84·5	84·1	83·8	84·0	84·3	84·6	85·0	85·2	85·5	85·6	85·5	85·2	85·0	84·7	84·2	84·0	83·9	83·6	83·4	83·5	84·6
17	83·4	83·3	83·2	83·1	83·2	83·2	83·2	82·9	84·4	85·0	85·6	85·9	86·0	86·3	86·9	86·6	85·9	85·1	85·0	84·1	83·3	82·0	81·0	80·5	84·2
18	79·5	78·2	78·0	77·0	77·5	76·9	77·9	78·9	80·1	81·9	83·7	84·9	86·0	86·4	86·3	85·5	84·5	83·3	82·5	82·3	81·9	81·7	81·3	81·7	81·6
19	81·8	82·0	82·0	82·1	82·2	82·2	82·5	82·5	82·9	83·3	84·0	84·7	84·9	85·4	85·5	85·8	85·9	86·0	86·1	86·2	86·0	85·0	84·0	83·2	84·0
20	82·5	82·2	8·19	81·3	81·5	81·6	81·6	82·6	84·0	85·0	85·3	86·0	86·4	86·5	86·4	86·3	85·7	85·2	84·6	84·5	84·4	84·1	83·9	83·5	84·0
21	83·3	82·5	82·4	82·5	83·0	83·3	83·4	83·5	83·9	84·0	84·1	84·0	84·0	84·1	84·4	84·6	85·0	85·3	85·6	86·0	86·0	86·0	86·1	86·2	84·2
22	85·4	84·5	84·0	82·2	81·3	81·0	81·3	81·4	81·7	82·1	83·0	82·6	82·7	82·6	83·1	82·6	82·1	81·3	81·0	80·2	79·3	78·9	78·2	78·0	81·9
23	78·0	78·0	77·8	77·5	77·0	76·8	76·6	76·8	78·7	81·2	82·3	82·4	83·8	83·9	83·5	82·6	82·0	81·2	80·9	80·5	80·1	79·0	77·0	76·1	79·8
24	75·6	75·2	75·6	75·6	75·5	74·5	74·7	76·1	77·1	80·1	81·5	82·1	82·5	82·4	82·0	81·1	80·6	80·4	79·8	80·1	80·0	80·0	79·4	78·6	**78·7**
25	78·4	76·9	77·0	77·5	78·0	78·0	78·4	78·7	79·1	79·6	80·0	80·3	80·8	81·0	81·3	81·3	81·3	81·2	81·1	81·3	81·2	81·2	80·3	79·6	79·7
26	79·3	79·3	79·6	80·0	80·4	80·9	81·1	81·5	82·0	82·4	83·0	83·5	84·2	84·2	84·5	84·4	84·1	84·1	84·0	84·0	83·7	84·0	84·0	83·4	82·5
27	83·1	83·4	83·4	83·2	83·1	83·1	82·9	83·1	83·9	84·5	84·9	86·0	86·4	86·4	85·0	84·2	84·1	84·9	85·4	85·1	84·9	84·9	84·6	84·0	84·3
28	84·3	84·6	84·4	83·9	83·6	83·3	83·7	84·3	86·0	86·9	87·2	88·0	88·3	88·3	87·1	87·0	86·6	86·5	86·5	86·5	86·1	85·9	85·3	85·0	85·8
29	84·9	84·8	84·7	84·8	85·4	86·0	86·4	86·6	87·0	87·9	88·3	88·7	88·0	87·6	87·9	87·7	87·2	86·6	86·4	85·8	86·1	86·2	86·1	86·0	86·5
30	85·9	85·3	84·5	84·3	84·2	84·4	83·9	84·6	86·1	86·8	84·1	84·4	87·2	83·8	84·7	84·7	84·3	84·2	84·6	84·8	84·3	84·3	83·7	83·6	84·7
31	83·6	84·1	84·2	84·1	84·1	83·2	82·6	82·9	83·1	83·5	84·3	84·7	85·1	85·2	85·3	85·3	85·3	85·0	84·7	84·3	84·1	83·8	83·7	83·8	84·2
Mean ...	83·1	82·9	82·7	82·5	82·4	**82·3**	82·4	82·8	83·7	84·7	85·3	85·6	86·2	86·3	**86·5**	86·1	85·5	85·0	84·7	84·4	84·2	83·9	83·5	83·3	84·2
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Readings in degrees absolute at exact hours, Greenwich Mean Time.

407. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulb above the ground) = 3·0 metres.

November, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	83·5	83·0	82·6	82·2	82·1	81·7	81·3	82·2	83·6	84·4	84·4	84·8	84·2	84·2	84·5	86·0	87·5	87·6	87·7	87·9	87·9	88·2	88·5	88·2	84·8
2	87·7	87·0	86·5	86·0	85·5	85·1	85·0	85·1	85·5	86·1	87·0	86·7	86·8	86·9	86·7	86·5	85·9	85·5	85·2	85·0	84·8	84·7	84·3	84·2	**85·9**
3	83·8	83·2	82·1	81·3	80·5	80·0	79·4	78·9	79·9	81·0	82·1	83·3	83·7	83·9	83·3	82·6	81·6	80·9	80·1	79·2	78·3	77·7	77·4	76·7	81·0
4	76·2	75·6	75·2	75·1	74·8	74·4	73·9	73·9	75·4	76·6	78·1	79·1	79·6	79·9	79·9	79·3	78·4	77·7	77·0	76·4	75·8	74·3	74·2	73·7	76·5
5	73·1	73·1	72·6	72·1	72·2	71·5	71·9	71·7	73·1	74·1	77·2	80·2	81·0	81·0	80·9	80·6	80·2	80·1	80·1	79·7	79·3	78·7	78·8	80·1	76·7
6	81·0	80·6	80·5	80·2	80·0	80·1	79·4	79·4	80·8	82·1	83·2	83·5	84·0	84·4	83·4	82·9	82·8	82·7	82·7	82·4	82·6	82·7	82·3	82·1	81·9
7	81·9	81·8	81·0	80·2	80·9	81·2	81·2	81·7	82·4	82·8	83·1	83·7	83·7	83·7	83·7	83·6	83·4	83·2	83·1	82·8	82·7	82·9	82·9	82·8	82·5
8	82·7	82·5	82·4	82·3	82·4	82·4	82·3	82·5	82·8	83·0	83·1	83·5	83·5	83·1	82·7	82·2	82·3	82·6	82·7	82·3	81·9	81·6	81·0	80·4	82·5
9	80·2	79·9	79·4	79·1	78·4	77·8	77·2	77·1	78·1	79·2	81·4	82·6	82·6	82·4	81·6	80·1	80·2	80·0	80·1	80·1	80·0	80·1	80·5	80·6	79·9
10	80·6	80·4	80·1	79·8	79·5	78·9	79·0	78·9	79·1	80·6	81·9	83·5	85·9	86·1	85·9	85·0	83·1	81·9	82·1	80·3	79·0	79·6	78·8	80·5	81·3
11	79·0	79·4	81·0	81·5	81·4	82·4	82·4	82·0	83·1	83·9	84·6	85·1	85·5	85·2	84·6	84·2	84·0	83·8	83·4	83·2	83·1	83·4	83·9	84·0	83·0
12	84·1	84·1	84·0	83·9	83·3	82·9	82·5	82·5	82·4	82·4	82·2	82·2	82·2	82·2	82·2	81·8	81·7	82·0	81·6	81·3	81·5	81·2	81·4	81·8	82·4
13	82·0	82·0	81·9	81·8	81·8	81·4	81·4	81·3	81·3	81·3	81·6	81·8	81·6	81·6	81·8	81·8	81·8	81·6	81·5	81·4	81·4	81·2	80·9	81·0	81·6
14	81·0	81·1	81·1	81·4	81·4	81·4	81·4	81·6	82·1	82·6	83·0	83·0	83·0	82·6	82·5	82·3	82·2	82·1	82·0	81·9	81·4	81·2	81·1	81·0	81·9
15	81·0	80·9	80·8	80·7	80·5	80·4	80·2	80·0	79·2	79·3	79·4	79·5	79·1	78·8	78·6	79·0	79·2	79·3	79·0	79·0	78·8	77·6	77·6	76·3	79·4
16	75·5	75·1	74·8	75·1	74·8	75·1	75·1	75·7	76·8	77·7	79·0	79·4	79·7	79·6	79·4	78·3	77·4	78·0	77·5	77·4	76·8	76·8	76·3	75·7	77·0
17	76·0	76·1	76·3	76·3	76·3	76·2	76·2	76·3	76·4	76·4	76·8	77·1	77·5	77·5	77·3	76·6	76·2	75·1	74·2	72·4	72·0	71·8	72·4	72·1	75·6
18	71·4	71·2	71·0	71·1	70·7	71·6	72·3	72·7	72·9	73·1	73·4	74·1	74·8	75·6	76·1	76·5	76·7	77·3	77·3	77·8	78·1	78·4	79·5	80·3	**74·6**
19	80·6	80·8	80·6	80·1	79·5	79·2	79·0	79·2	79·2	80·0	80·3	80·8	81·0	81·0	80·7	80·2	79·4	77·9	76·3	75·5	76·1	76·0	75·6	76·5	79·1
20	77·3	78·0	78·1	78·1	78·6	78·8	79·2	80·0	80·6	82·1	82·9	83·6	84·1	84·0	83·9	83·1	82·9	81·8	80·6	80·3	80·8	80·9	80·6	81·5	80·8
21	81·1	80·7	80·5	80·4	80·1	80·0	80·0	80·0	80·1	80·6	81·6	82·2	82·7	82·4	82·3	82·2	82·1	82·1	82·0	81·8	81·3	81·0	80·7	80·9	81·2
22	81·2	**81·3**	81·4	81·1	81·6	81·9	82·1	82·3	82·7	83·6	83·8	84·0	84·0	84·2	84·0	83·6	83·5	83·4	83·1	83·1	83·0	83·1	83·2	83·4	82·8
23	83·3	83·1	83·1	83·2	83·4	83·5	83·6	83·6	83·8	84·1	85·0	85·5	85·2	85·4	85·9	85·0	84·8	84·3	84·0	83·6	83·4	83·3	83·3	83·1	84·0
24	82·8	82·4	81·8	81·4	81·2	81·1	80·6	80·0	79·7	80·0	79·8	79·9	80·1	80·3	80·1	80·2	80·2	80·3	80·1	80·3	80·4	80·3	80·4	80·2	80·6
25	80·2	80·2	80·2	80·2	80·8	81·0	81·6	81·6	81·7	82·1	82·6	83·2	83·7	84·3	84·3	84·3	84·0	83·5	84·2	84·9	84·8	85·0	84·9	85·2	82·7
26	84·8	84·6	84·8	84·3	84·3	84·2	84·1	84·1	84·0	84·2	84·1	84·3	84·6	84·7	83·9	83·4	83·5	83·8	83·7	82·8	82·3	82·6	83·2	83·1	83·9
27	83·4	83·5	82·2	82·4	82·6	82·4	82·1	82·4	82·9	83·7	83·0	83·1	83·8	84·0	83·7	83·1	82·2	81·4	80·6	79·6	79·0	78·4	77·3	77·4	82·0
28	76·6	77·1	77·1	77·8	77·8	78·1	78·5	78·6	78·5	78·7	78·9	79·0	79·7	79·7	80·0	78·9	77·8	77·9	78·0	78·8	80·5	80·9	81·2	81·6	78·7
29	82·3	82·9	83·1	83·6	84·1	83·9	83·5	83·0	83·5	84·5	84·7	85·4	85·1	84·7	84·2	84·0	83·8	84·0	83·4	83·6	83·7	83·8	83·7	83·5	83·8
30	83·9	84·2	83·6	83·2	83·0	83·9	84·1	84·2	84·2	85·0	85·4	85·3	85·9	85·2	85·2	84·2	84·0	83·6	83·3	83·3	83·2	82·4	82·1	82·3	84·0
Mean ...	80·6	80·5	80·3	80·2	80·1	80·1	**80·0**	80·1	80·5	81·2	81·8	82·3	82·6	**82·6**	82·4	82·1	81·8	81·5	81·2	80·9	80·8	80·7	80·6	80·7	81·1

408. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

December, 1924.

	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	82·2	81·9	81·8	81·5	81·7	82·1	82·7	82·8	83·5	84·0	84·4	84·8	85·2	85·2	84·6	83·1	82·6	82·4	82·5	82·6	83·0	82·9	82·2	81·7	83·0
2	82·2	82·4	82·6	82·6	82·6	82·6	82·5	82·3	82·4	82·6	82·1	82·1	81·8	81·9	81·6	81·9	82·0	81·8	81·5	81·3	81·2	80·8	80·6	80·9	81·9
3	81·0	81·0	80·9	80·4	80·7	80·8	80·9	80·9	81·1	81·5	81·9	82·0	82·2	82·2	82·2	82·0	81·9	81·8	81·6	81·5	81·7	81·8	81·7	81·6	81·5
4	81·3	81·1	80·8	80·1	79·3	78·6	78·2	77·9	78·0	78·7	79·7	81·0	82·0	82·7	83·1	82·8	82·1	82·1	82·1	82·4	82·7	83·1	83·3	83·8	81·1
5	84·3	85·1	85·5	85·6	85·6	85·1	84·6	83·6	83·6	84·0	84·1	85·0	85·1	84·9	84·9	83·7	83·3	83·1	82·9	82·6	82·6	82·9	83·1	83·3	**84·1**
6	83·0	83·1	83·1	81·3	81·3	80·9	80·4	79·9	80·0	81·0	81·9	82·6	83·2	83·2	82·9	81·8	80·6	80·4	79·5	79·3	77·5	77·2	78·0	77·5	80·9
7	76·5	75·3	74·8	76·0	76·7	76·3	75·5	75·0	75·7	79·6	81·6	82·5	82·8	82·8	82·1	81·3	80·1	79·8	79·2	79·1	79·5	79·5	79·4	79·4	78·7
8	79·3	79·0	78·5	78·2	78·0	77·5	78·4	78·7	79·1	79·8	79·9	80·3	80·5	80·6	80·3	79·7	79·2	79·0	78·7	78·6	78·7	78·6	78·1	77·7	79·1
9	78·2	78·1	78·7	78·1	77·5	77·2	76·5	76·7	75·7	76·6	78·0	79·6	80·6	81·0	80·8	79·8	78·1	76·6	75·4	74·2	73·6	73·1	73·0	73·0	77·2
10	72·4	73·1	73·1	73·6	74·1	74·3	73·6	73·0	73·1	73·9	74·4	74·1	74·2	74·1	74·3	73·7	73·6	73·6	73·5	73·7	73·1	74·0	74·2	74·0	73·7
11	73·9	73·3	73·1	73·1	72·9	72·6	72·5	72·6	73·1	73·0	72·8	73·4	73·1	73·4	73·6	74·0	73·8	73·6	73·6	73·2	73·6	73·6	73·6	73·7	**73·3**
12	74·1	74·2	74·4	74·5	74·7	75·3	75·2	75·0	75·4	76·4	77·0	77·6	77·9	77·8	77·6	77·1	77·0	77·0	76·9	76·9	76·5	76·6	76·6	76·5	76·1
13	76·6	76·5	76·5	76·5	76·6	76·5	76·5	76·0	76·2	76·6	77·0	76·9	77·0	77·1	77·2	77·1	77·0	77·2	77·3	77·2	77·3	77·9	78·3	79·0	76·9
14	79·1	78·5	78·2	78·2	77·0	76·1	75·2	74·7	74·8	76·2	77·5	79·2	80·4	80·5	80·2	79·1	78·1	77·9	77·5	77·1	76·7	76·2	75·8	75·3	77·6
15	75·2	74·0	73·3	73·1	73·3	75·3	77·5	77·8	79·2	80·1	80·4	80·5	80·4	80·0	80·0	80·0	80·5	80·5	81·0	81·2	81·6	81·9	82·0	82·2	78·6
16	82·3	81·8	81·6	81·6	81·8	81·9	82·0	81·8	81·9	83·0	83·4	83·4	83·3	83·0	83·0	82·9	82·5	82·0	81·6	81·5	81·1	80·6	80·0	79·8	82·0
17	79·9	79·8	79·1	78·9	78·5	78·1	78·0	77·3	78·0	78·0	78·1	78·1	78·2	78·4	78·7	78·0	77·8	78·1	78·4	78·7	79·3	78·6	78·6	78·1	78·5
18	77·1	78·2	79·2	79·7	80·1	80·2	80·6	81·0	81·1	81·4	82·1	82·7	83·1	83·1	82·9	82·5	82·2	82·1	82·1	82·2	82·1	82·0	82·1	82·1	81·2
19	82·2	82·2	82·4	82·5	82·5	82·7	83·0	83·0	83·2	83·5	84·0	84·3	84·6	84·2	84·2	84·0	83·9	83·8	83·7	83·7	83·5	83·4	83·6	83·5	83·4
20	83·4	83·1	83·0	82·7	82·5	81·5	80·0	79·2	80·1	80·0	80·0	80·8	80·3	81·2	81·1	80·1	78·7	78·1	79·1	79·2	78·9	78·3	78·1	78·5	80·4
21	78·6	78·8	79·1	79·1	79·1	79·2	79·2	79·1	79·2	79·4	80·0	80·0	80·0	80·0	80·0	79·7	79·6	79·6	79·2	79·0	78·6	78·2	78·0	77·5	79·2
22	77·1	77·1	77·1	76·7	77·0	76·7	77·0	77·1	77·1	77·3	77·6	77·7	78·2	78·1	78·4	77·7	77·6	77·6	77·2	76·6	76·2	77·1	77·8	79·8	77·4
23	81·0	81·2	81·3	81·2	81·5	81·9	82·3	82·4	82·5	83·6	83·3	82·3	82·1	81·5	81·7	82·1	82·4	82·1	82·2	82·3	82·5	82·7	82·8	83·0	82·1
24	82·7	83·0	83·3	83·7	82·6	82·9	82·3	82·2	82·4	83·5	84·0	84·0	84·0	83·8	83·5	83·1	83·0	82·6	83·0	83·1	83·5	83·6	82·3	82·3	83·1
25	82·0	82·2	81·7	82·1	81·5	81·1	81·5	81·1	81·1	82·4	82·7	83·0	83·1	83·5	83·1	82·6	82·1	81·6	81·5	81·6	81·6	82·1	82·3	82·0	82·1
26	81·5	80·7	80·7	81·2	81·1	80·6	80·9	81·2	82·3	82·6	83·1	82·9	82·9	83·2	83·0	82·2	82·1	82·1	82·1	81·4	80·7	80·6	81·3	82·0	81·8
27	82·0	82·1	82·1	82·1	82·2	81·9	81·2	81·2	81·4	81·6	82·1	82·6	82·9	83·1	83·5	83·6	83·5	83·0	82·6	82·6	82·2	81·9	81·9	81·2	82·3
28	80·6	80·0	80·1	80·7	80·8	80·2	79·3	79·0	79·2	79·7	79·9	79·7	80·1	80·1	80·1	79·5	78·6	78·6	78·1	77·4	77·1	76·5	76·1	76·2	79·2
29	75·9	75·3	75·1	74·8	75·7	75·3	75·2	75·3	75·5	76·3	77·5	79·5	80·1	80·6	80·3	79·5	78·9	79·1	79·2	80·4	81·1	81·2	81·8	82·1	78·0
30	82·5	82·6	82·2	82·2	82·5	82·5	82·6	82·7	83·1	83·1	83·2	83·5	83·5	83·5	82·5	82·6	82·1	80·2	78·9	78·6	78·2	77·7	77·2	77·1	81·6
31	76·9	77·1	76·5	76·4	76·5	77·5	78·6	79·2	80·0	79·3	80·1	80·4	80·4	77·1	78·1	77·7	77·2	77·1	76·9	77·4	78·0	77·2	77·3	77·2	77·9
Mean ...	79·5	79·4	79·3	79·3	79·3	79·2	79·2	**79·0**	79·3	80·0	80·5	80·9	**81·1**	81·0	80·9	80·5	80·1	79·8	79·7	79·6	79·5	79·4	79·4	79·4	79·8
G.M.T. ...	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

TEMPERATURE: ANNUAL MEANS OF HOURLY VALUES.

From readings in degrees absolute at exact hours, Greenwich Mean Time.

409. Richmond (Kew Observatory) : North Wall Screen : $h_t = 3{\cdot}0$ metres. **1924.**

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
81·60	81·39	81·21	**81·02**	81·02	81·20	81·59	82·15	82·95	83·76	84·46	85·04	85·54	85·76	**85·86**	85·61	85·23	84·68	84·05	83·35	82·84	82·40	82·04	81·81	83·19

TEMPERATURE: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-periodic change.

410. Richmond (Kew Observatory) : North Wall Screen : h_t=3·0 metres. **1924.**

Month.	Mean.	Hour. G.M.T. 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
Jan.	278·40	−0·75	−0·84	**−0·87**	**−0·87**	−0·76	−0·68	−0·73	−0·72	−0·54	−0·14	+0·50	+0·96	+1·41	+1·54	**+1·58**	+1·11	+0·65	+0·30	+0·15	+0·05	−0·06	−0·24	−0·46	−0·58
Feb.	**276·30**	−0·65	−0·87	−0·87	−1·10	−1·14	−1·29	**−1·40**	−1·29	−0·81	−0·11	+0·62	+1·11	+1·36	+1·57	**+1·77**	+1·50	+1·11	+0·75	+0·44	+0·11	−0·06	−0·07	−0·23	−0·48
Mar.	277·72	−1·77	−2·02	−2·25	−2·50	−2·68	**−2·71**	−2·65	−2·05	−1·04	+0·10	+1·38	+2·38	+3·28	+3·68	**+3·96**	+3·58	+2·95	+1·84	+0·76	+0·05	−0·55	−1·11	−1·32	−1·40
April	280·97	−2·10	−2·25	−2·50	−2·85	**−2·96**	−2·81	−2·16	−1·05	+0·01	+0·80	+1·42	+2·09	+2·64	+3·21	**+3·45**	+3·37	+3·05	+2·30	+1·21	+0·23	−0·59	−1·07	−1·53	−1·91
May	286·09	−2·51	−2·88	−3·22	**−3·50**	−3·42	−2·74	−1·73	−0·64	+0·35	+1·39	+2·12	+2·66	+3·29	**+3·52**	+3·52	+3·39	+3·08	+2·51	+1·32	+0·10	−0·80	−1·44	−1·97	−2·31
June	288·43	−2·66	−3·05	−3·39	**−3·61**	−3·37	−2·86	−1·99	−1·39	−0·08	+0·81	+1·45	+2·35	+2·71	+3·40	**+3·60**	+3·59	+3·53	+2·82	+2·29	+1·09	+0·15	−1·04	−2·04	−2·25
July	**289·62**	−3·06	−3·39	−3·66	**−3·92**	−3·73	−2·94	−2·05	−0·92	+0·27	+1·12	+1·97	+2·49	+3·31	+3·35	+3·58	+3·61	**+3·72**	+3·30	+2·53	+0·94	−0·34	−1·37	−2·07	−2·71
Aug.	288·04	−2·13	−2·45	−2·66	−2·88	**−3·00**	−2·61	−1·62	−0·63	+0·34	+1·24	+1·83	+2·57	+2·98	**+3·13**	+3·07	+2·95	+2·29	+1·77	+0·91	−0·09	−0·68	−1·10	−1·50	−1·84
Sept.	287·40	−1·61	−1·49	−1·64	**−1·68**	−1·62	−1·65	−1·34	−0·66	+0·13	+0·84	+1·42	+1·81	+2·27	+2·49	**+2·62**	+2·30	+1·71	+0·92	+0·08	−0·55	−0·72	−1·02	−1·17	−1·52
Oct.	284·16	−1·04	−1·32	−1·45	−1·66	−1·75	**−1·90**	−1·80	−1·34	−0·47	+0·49	+1·10	+1·43	+2·08	+2·12	**+2·29**	+1·94	+1·36	+0·82	+0·55	+0·28	+0·04	−0·27	−0·61	−0·88
Nov.	281·07	−0·48	−0·56	−0·76	−0·89	−0·96	−1·00	**−1·06**	−1·00	−0·55	+0·10	+0·72	+1·24	+1·54	**+1·55**	+1·38	+0·99	+0·70	+0·45	+0·16	−0·11	−0·25	−0·39	−0·45	−0·37
Dec.	279·80	−0·35	−0·46	−0·51	−0·55	−0·56	−0·63	−0·67	**−0·81**	−0·50	+0·15	+0·64	+1·05	**+1·28**	+1·24	+1·17	+0·71	+0·30	+0·06	−0·10	−0·18	−0·26	−0·32	−0·34	−0·30
Year	283·19	−1·59	−1·80	−1·98	**−2·17**	−2·16	−1·99	−1·60	−1·04	−0·24	+0·57	+1·26	+1·85	+2·35	+2·57	**+2·67**	+2·42	+2·04	+1·49	+0·86	+0·16	−0·34	−0·79	−1·14	−1·38

ABSOLUTE EXTREMES OF TEMPERATURE FOR EACH DAY.

Maximum and Minimum for the interval 0h. to 24h., Greenwich Mean Time.

411. Richmond (Kew Observatory) : North Wall Screen : $h_t = 3{\cdot}0$ metres. **1924.**

Month	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
Day.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
1	82·9	78·9	80·4	74·2	78·6	74·1	81·3	74·4	87·6	80·8	91·9	84·3	94·2	**80·4**	92·4	86·4	91·2	85·5	86·4	83·1	**88·6**	81·1	85·5	81·5
2	82·7	79·4	82·4	73·6	78·6	72·7	79·4	72·7	89·5	79·0	90·8	81·9	93·5	85·6	91·2	86·5	90·8	86·3	88·2	79·9	88·2	84·2	82·7	80·1
3	80·1	72·1	82·4	75·0	78·7	72·5	79·9	74·7	88·2	81·0	89·8	80·5	91·9	86·1	91·4	84·6	91·5	85·4	88·0	78·5	84·2	76·7	82·3	80·3
4	75·4	**69·9**	81·9	75·8	79·9	72·5	79·8	74·6	85·5	79·0	88·3	84·2	93·0	84·8	91·7	87·6	90·5	86·7	87·5	80·0	80·0	73·2	83·8	77·7
5	76·2	71·7	81·5	77·0	81·8	**69·9**	84·2	74·6	85·0	**76·1**	89·5	83·0	93·6	84·3	96·4	87·2	93·4	84·2	87·3	82·1	81·4	71·0	**85·7**	82·5
6	79·1	72·3	**83·6**	81·1	80·1	75·4	82·7	72·8	87·4	**76·1**	92·6	80·5	93·5	85·5	94·7	85·5	**95·0**	83·7	87·5	79·9	84·5	79·1	83·5	76·4
7	76·3	72·1	81·6	78·8	81·5	73·5	87·0	76·7	87·0	78·7	94·7	84·8	95·2	84·9	91·6	84·6	93·4	88·8	87·1	81·0	83·8	80·1	83·0	74·2
8	77·12	72·8	80·9	77·2	82·2	71·5	84·9	77·0	85·0	77·8	91·5	85·6	97·0	86·4	93·1	82·1	93·2	87·6	86·8	81·7	83·6	80·4	80·7	77·5
9	72·8	70·4	81·8	76·9	83·9	71·4	81·2	74·4	89·3	77·9	92·0	85·4	97·9	85·4	95·0	82·9	90·6	83·0	87·7	81·3	83·2	77·0	81·2	72·6
10	77·5	72·1	81·3	77·7	83·1	70·4	80·3	**71·5**	88·3	82·4	91·9	85·1	97·7	86·5	95·0	82·3	87·5	82·2	90·6	86·1	86·6	78·3	74·5	**72·3**
11	81·0	74·7	77·7	75·4	87·0	71·4	76·9	73·5	88·9	82·3	91·1	85·9	01·1	86·2	**97·0**	84·6	91·7	81·2	88·2	86·2	85·6	78·3	74·1	**72·3**
12	**84·1**	81·0	79·3	75·6	85·3	74·1	80·8	73·6	88·4	82·3	91·2	84·9	**02·9**	89·1	94·0	85·3	91·6	86·9	91·5	84·9	84·2	81·2	78·0	73·7
13	82·4	80·0	78·7	72·5	82·6	74·2	83·9	73·9	92·0	83·3	86·1	81·0	95·2	86·5	92·5	83·6	93·2	89·0	**93·0**	82·0	82·1	80·8	79·0	76·0
14	82·6	81·1	74·7	71·1	83·6	73·1	87·2	78·4	95·5	83·0	89·5	**79·9**	98·1	83·8	93·7	84·9	90·9	83·5	90·9	82·0	83·1	80·9	80·7	74·4
15	83·4	78·0	74·7	**68·5**	85·7	71·2	84·2	76·0	91·6	82·1	93·5	80·7	98·5	84·1	91·9	84·7	90·4	82·8	86·7	84·9	81·1	76·3	82·2	72·6
16	79·0	75·6	76·7	71·3	86·3	75·0	85·6	73·9	89·7	81·6	96·0	83·9	96·3	86·8	92·4	82·9	90·8	86·3	85·9	83·3	79·9	74·7	83·6	79·8
17	76·6	74·0	74·6	69·8	80·5	71·9	86·4	76·0	92·7	77·8	98·2	86·7	91·4	84·2	93·4	84·0	91·7	88·0	87·0	80·4	77·6	71·2	79·9	77·1
18	84·0	75·6	78·6	71·3	80·6	73·1	88·9	73·4	93·2	84·5	95·5	85·8	91·9	83·0	90·5	84·4	91·0	83·7	86·5	76·8	80·3	**70·2**	83·1	76·6
19	83·3	80·2	76·6	73·5	83·3	71·4	91·0	79·2	**97·1**	85·7	94·1	84·7	93·1	85·4	90·7	82·5	91·3	80·9	86·2	81·7	81·2	74·2	84·7	82·1
20	83·1	77·8	75·1	72·6	78·7	74·7	92·1	81·0	94·7	83·6	92·9	84·5	95·6	82·6	91·1	**81·0**	91·0	86·6	86·7	81·1	84·2	76·5	83·5	76·9
21	81·8	78·3	78·6	70·7	79·7	75·6	**94·8**	82·4	95·4	83·5	94·1	82·5	96·5	85·5	90·4	84·3	90·1	84·9	86·2	81·4	82·7	79·7	80·1	77·5
22	82·5	80·1	77·9	74·8	86·9	77·0	88·9	81·8	93·4	85·9	94·5	83·8	94·6	84·2	90·4	84·7	88·0	82·3	86·2	77·9	84·3	80·9	79·8	75·8
23	80·7	78·5	78·4	73·4	86·9	81·9	84·2	78·7	90·1	83·1	95·9	83·2	93·9	85·5	91·1	84·0	88·0	83·0	84·6	76·4	85·9	83·0	83·7	79·8
24	81·3	78·3	80·6	75·1	**87·5**	79·7	88·3	80·3	88·5	81·8	96·5	85·5	91·3	85·5	88·2	83·9	88·6	80·6	82·7	**73·7**	83·1	79·5	84·1	82·1
25	82·5	75·6	78·0	73·0	84·8	79·0	90·9	84·2	89·4	82·9	97·6	88·1	90·2	84·2	89·9	83·2	86·4	80·6	81·4	76·7	85·2	80·1	83·5	81·0
26	80·2	74·7	75·3	71·6	83·1	76·9	87·1	82·5	90·6	80·9	**98·5**	87·8	90·8	84·5	90·5	84·4	87·0	84·8	84·6	79·1	85·2	82·2	83·3	80·3
27	81·2	75·1	75·2	71·8	78·2	75·0	85·1	80·3	92·7	81·8	95·5	87·4	94·0	82·5	89·7	83·5	89·2	79·6	86·6	82·9	84·1	77·1	83·7	81·0
28	81·8	74·7	75·4	71·3	79·3	75·1	86·3	80·3	95·6	80·5	91·5	83·6	88·7	85·6	91·0	82·2	89·4	**78·2**	88·7	83·1	81·6	76·3	81·2	76·0
29	80·7	75·3	80·8	70·6	80·2	74·1	88·0	81·3	95·9	85·8	93·8	86·7	92·3	83·2	92·0	86·6	89·6	82·7	88·8	84·6	85·4	81·6	82·1	74·8
30	80·7	75·7	—	—	79·9	73·8	86·0	82·5	94·7	85·9	93·2	83·3	94·9	83·6	92·3	87·0	90·5	84·9	87·3	82·1	86·2	81·8	83·6	77·1
31	81·0	78·4	—	—	80·0	73·3	—	—	93·5	87·2	—	—	93·5	85·4	93·4	85·8	—	—	85·4	82·6	—	—	80·7	76·0
Mean	80·5	75·9	78·8	73·8	82·2	74·1	85·2	77·2	90·9	81·7	93·1	84·2	94·6	84·9	92·2	84·4	90·6	84·1	87·2	81·2	83·6	78·3	81·9	77·3

NOTE.—The initial 2 or 3 of the readings is omitted, *i.e.*, 275·0 degrees absolute is written 75·0.

Percentages at exact hours Greenwich Mean Time. Determined as explained on page 14.

412. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground)=3·0 metres.

January, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	99	100	100	97	96	95	95	95	97	97	95	93	91	93	91	91	91	89	92	89	83	87	85	85	93·0	**10·4**
2	85	85	87	87	87	90	90	90	94	94	92	89	85	83	87	88	92	95	96	96	96	95	93	94	90·2	9·8
3	94	95	94	93	95	92	91	89	92	91	78	78	75	72	73	75	80	85	89	91	91	95	97	95	87·5	7·2
4	99	96	96	99	95	99	99	95	99	99	97	93	92	91	90	90	95	95	95	91	87	85	87	87	94·0	5·6
5	87	89	89	87	86	86	89	91	88	85	87	82	78	77	80	83	89	91	93	93	93	87	91	85	87·0	5·5
6	89	89	91	89	89	93	87	95	91	85	77	75	69	69	66	71	73	81	81	77	75	76	76	80	81·1	5·8
7	81	83	83	85	91	91	93	95	91	87	85	80	81	81	79	79	83	88	87	87	87	87	88	88	85·7	5·7
8	91	91	91	91	91	93	95	97	91	93	95	97	93	93	92	93	93	95	91	91	95	91	96	96	93·0	6·9
9	89	86	93	89	81	79	80	80	77	67	72	65	65	71	76	74	81	81	81	81	76	79	81	81	78·8	**4·3**
10	83	87	91	91	94	91	94	91	89	92	90	88	87	88	87	91	89	93	97	93	97	95	93	95	90·8	6·5
11	95	99	99	99	95	90	87	85	85	81	75	72	71	75	75	78	83	87	89	86	81	83	89	92	85·5	7·3
12	89	87	86	85	85	85	86	87	86	85	81	79	81	83	79	81	79	79	77	71	70	71	75	77	81·3	9·8
13	77	76	75	76	77	77	75	77	73	73	73	71	69	68	69	73	75	75	76	79	77	77	78	79	**74·7**	8·1
14	81	82	85	85	87	92	89	88	92	87	88	88	87	87	87	84	85	85	84	85	82	83	87	89	86·0	9·9
15	91	91	92	91	87	90	87	89	85	83	81	79	76	74	68	71	75	77	76	83	85	85	86	89	83·0	8·5
16	91	89	92	93	91	91	91	90	90	87	83	81	79	79	78	79	81	82	85	91	88	91	90	92	86·8	7·1
17	90	88	89	89	87	91	91	91	95	89	91	89	91	89	93	95	93	91	95	95	95	95	99	99	92·0	6·5
18	97	95	94	97	94	96	95	97	95	92	95	96	96	95	93	95	95	95	91	89	89	85	82	81	93·3	10·3
19	87	92	92	95	93	92	93	91	87	80	81	73	68	66	78	86	86	76	79	81	83	82	86	85	83·7	9·4
20	87	89	81	81	85	86	83	83	85	86	77	71	67	67	68	72	78	81	85	89	91	94	90	93	81·9	8·6
21	93	93	94	94	97	95	97	97	95	93	97	96	99	96	95	97	97	96	96	96	97	96	96	96	95·7	9·8
22	96	96	96	96	93	92	91	91	89	88	83	81	77	79	78	77	82	92	95	95	99	97	97	99	89·9	9·7
23	100	99	99	100	100	100	97	99	97	93	91	91	91	90	95	94	94	94	93	93	93	93	93	94	95·3	9·4
24	97	95	84	93	94	97	97	97	94	93	89	83	85	91	93	94	94	99	95	99	100	99	100	94·1	9·2
25	94	94	93	93	93	94	93	93	91	89	83	76	71	61	61	68	81	81	81	85	92	91	90	91	85·2	8·0
26	93	95	97	95	99	97	95	95	95	95	99	94	90	86	83	85	87	92	94	94	94	94	93	94	93·1	7·9
27	93	90	89	82	81	75	80	78	78	69	63	62	59	59	60	69	70	74	79	82	81	84	89	89	76·6	7·1
28	91	93	93	93	91	91	90	85	84	81	80	76	72	70	73	73	79	83	83	85	86	89	89	94	84·2	7·5
29	95	99	99	93	93	93	95	95	92	93	93	89	82	82	84	86	89	89	91	93	97	99	95	97	92·2	8·0
30	97	97	97	97	100	97	97	99	99	99	100	100	97	97	95	95	94	95	95	95	95	95	99	99	**97·0**	8·7
31	97	99	99	99	95	95	95	95	94	90	89	90	89	89	83	85	86	89	90	90	89	93	93	95	92·1	9·0
Mean ...	91·2	91·6	**91·6**	91·4	91·0	91·1	90·9	91·0	90·0	87·6	85·8	83·1	81·1	**80·7**	80·9	83·0	85·5	87·3	88·1	88·5	88·5	88·8	89·7	90·7	87·9	✓ 8·0†
Vapour Pressure* ...	mb. **7·7**	mb. 7·8	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. **7·7**	mb. 7·8	mb. 7·9	mb. 7·9	mb. 8·0	mb. 8·0	mb. **8·1**	mb. 8·0	mb. 8·0	mb. 7·9	mb. 7·9	mb. 8·0	mb. 7·8	mb. 7·8	mb. **7·7**	mb. 7·8	mb. ‡7·8	

413. Richmond (Kew Observatory) : North Wall Screen : $h_t = 3·0$ metres.

February, 1924.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	94	95	95	99	83	77	82	87	84	79	74	70	60	62	59	57	64	71	79	83	87	85	88	91	79·5	6·8
2	91	87	89	91	89	87	91	90	88	84	81	76	71	71	73	70	75	79	80	87	87	83	82	82	82·8	7·2
3	86	84	81	87	88	89	89	95	93	89	70	72	70	70	70	69	73	71	72	75	75	72	72	75	78·7	7·4
4	79	83	87	86	90	87	83	85	80	75	74	73	73	76	77	79	82	81	84	84	83	81	85	88	81·2	7·7
5	89	92	89	89	82	82	88	86	87	79	73	69	69	69	72	75	73	73	73	73	76	76	79	81	79·0	7·7
6	82	84	85	86	87	87	83	85	85	85	88	85	86	85	77	77	79	77	83	83	79	81	79	79	82·8	**9·6**
7	78	80	76	71	76	79	79	68	76	79	82	81	73	77	73	72	75	74	66	76	73	75	71	70	75·2	7·5
8	77	76	79	79	77	82	77	77	73	73	75	71	77	69	70	71	73	78	79	77	80	77	79	77	75·8	7·0
9	74	79	79	82	85	81	81	85	80	87	93	91	89	89	89	84	85	85	87	90	93	91	93	91	85·7	8·2
10	93	93	94	95	95	95	93	94	93	93	90	87	89	85	85	89	90	90	89	91	91	91	91	91	**91·1**	8·9
11	89	87	87	88	86	83	84	83	84	83	87	89	84	83	83	81	83	81	81	81	80	80	81	81	83·9	6·4
12	81	81	84	83	85	85	85	89	91	90	91	88	88	95	94	94	97	97	97	97	93	91	93	94	89·8	7·4
13	93	91	93	91	92	89	87	87	88	88	79	79	77	75	76	73	65	63	60	61	61	63	63	61	78·0	5·5
14	62	61	66	67	62	61	64	57	57	59	62	62	64	63	63	62	63	65	63	63	67	71	67	73	**63·3**	**3·9**
15	77	80	75	71	77	77	79	81	81	83	79	82	89	89	86	85	91	92	93	96	96	97	97	93	84·8	4·8
16	99	97	95	91	93	96	95	89	73	67	67	66	59	53	52	51	59	62	66	67	69	73	81	80	75·3	4·8
17	76	73	73	80	83	84	77	81	74	69	62	81	71	79	80	79	87	86	86	93	89	89	93	89	80·4	4·5
18	89	79	79	81	79	83	83	91	85	85	89	89	97	95	84	73	72	74	73	71	70	73	76	81	81·5	5·6
19	80	80	79	81	82	82	83	85	82	81	73	72	76	80	71	75	79	80	80	84	89	91	85	83	80·5	5·7
20	87	91	83	85	81	79	79	76	77	75	73	76	77	75	76	75	76	77	76	73	75	75	77	83	78·2	5·4
21	89	89	89	87	93	93	93	91	91	87	81	85	82	83	87	84	85	87	90	91	89	87	80	87	87·4	5·7
22	85	87	85	84	83	80	80	79	77	74	71	70	72	79	67	69	68	71	71	71	76	77	79	81	76·6	6·0
23	85	87	85	87	87	87	91	87	85	79	77	73	62	65	61	59	62	62	64	66	68	72	73	77	75·1	5·6
24	79	80	80	84	85	84	84	78	80	77	75	76	77	71	74	86	79	85	89	90	81	77	73	73	80·0	6·5
25	73	73	75	81	83	88	89	91	90	89	78	75	73	64	72	83	88	85	81	71	67	66	66	65	77·9	5·7
26	69	69	72	74	79	81	82	71	67	66	65	67	68	71	68	77	78	63	61	61	59	53	47	51	67·7	4·2
27	53	53	57	61	67	69	69	73	73	51	58	57	61	61	58	62	65	67	71	72	90	93	95	90	67·0	4·2
28	83	83	83	79	73	75	79	73	69	63	66	62	58	59	57	58	62	66	59	67	66	57	55	59	67·7	4·3
29	65	67	61	61	63	59	66	75	80	79	79	73	76	77	73	71	75	67	66	60	64	66	69	65	68·9	5·1
Mean ...	81·3	81·4	81·2	82·1	**82·2**	82·1	82·6	82·4	80·8	78·2	76·3	75·8	74·8	74·8	**73·3**	73·8	76·0	76·2	76·5	77·7	78·4	78·0	78·2	79·0	78·5	✓ 6·2†
Vapour Pressure* ...	mb. 6·0	mb. 5·9	mb. 5·9	mb. 5·9	mb. 5·9	mb. **5·8**	mb. **5·8**	mb. **5·8**	mb. 5·9	mb. 6·0	mb. 6·1	mb. 6·3	mb. 6·4	mb. **6·5**	mb. 6·4	mb. 6·3	mb. 6·3	mb. 6·1	mb. 6·1	mb. 6·1	mb. 6·0	mb. 6·0	mb. 5·9	mb. **5·8**	mb. ‡6·0	–
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperatures and the mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours Greenwich Mean Time. Determined as explained on page 14.

414. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground)=3·0 metres.

March, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	67	67	68	67	62	62	64	59	53	55	50	50	49	46	52	54	57	60	65	69	73	72	73	75	**61·0**	**4·6**
2	75	77	85	87	87	87	89	89	84	71	64	60	57	56	52	74	89	89	93	95	91	89	93	93	79·9	5·7
3	93	93	96	93	91	93	94	90	83	83	82	76	77	63	66	69	73	78	89	87	89	93	93	95	84·9	6·1
4	88	85	85	89	91	91	93	95	93	83	75	63	60	56	53	58	62	67	73	76	83	89	83	89	78·5	5·8
5	89	89	92	93	99	89	89	89	89	81	68	65	61	57	58	56	60	67	77	77	76	76	77	78	77·4	5·6
6	90	91	93	93	95	95	95	90	93	88	81	77	78	79	74	81	81	79	80	81	85	90	87	87	85·7	7·1
7	89	93	96	96	96	91	95	93	89	85	85	81	73	69	62	73	72	81	85	88	91	95	95	96	86·0	6·5
8	89	89	85	87	86	81	81	81	83	83	83	75	57	51	49	43	45	57	61	62	68	68	66	73	71·4	5·4
9	79	85	79	91	89	89	94	91	86	66	57	54	49	43	41	41	45	52	55	64	67	75	81	79	68·7	5·6
10	79	89	89	93	95	96	99	96	91	73	70	58	53	57	55	57	60	66	68	76	81	83	88	88	77·3	5·8
11	93	96	97	91	95	97	95	95	97	99	68	58	45	43	41	43	53	66	68	70	74	77	81	82	76·1	6·6
12	85	85	90	93	89	95	88	85	77	68	62	60	56	54	51	55	57	59	70	73	71	73	74	79	72·9	6·8
13	76	76	73	72	73	67	71	71	64	60	54	52	54	51	49	52	59	65	68	73	77	77	79	80	66·3	5·6
14	79	79	77	79	75	71	71	73	66	62	54	52	48	45	39	41	43	51	62	71	76	87	83	89	65·3	5·4
15	85	87	90	91	89	95	91	87	90	84	68	55	48	44	43	45	50	54	62	68	68	71	70	69	71·4	6·2
16	71	73	71	71	78	73	77	77	73	63	59	51	49	57	59	63	66	61	62	67	74	79	79	83	67·9	6·5
17	89	85	89	86	86	91	91	92	77	71	63	60	53	54	49	51	54	51	62	61	62	63	67	71	70·2	5·5
18	73	76	81	81	82	80	79	77	67	60	56	57	49	49	49	49	51	56	66	77	81	81	81	86	68·2	5·3
19	85	87	85	89	91	86	94	94	79	73	62	58	54	52	49	49	46	49	60	67	70	82	72	75	71·4	5·7
20	81	84	85	83	87	85	85	79	72	67	65	62	62	62	60	63	65	69	72	77	77	76	73	71	73·5	5·7
21	73	77	77	79	81	82	82	81	79	80	78	78	77	86	79	81	81	83	86	88	91	100	97	97	82·5	6·9
22	95	95	97	99	97	99	96	93	92	93	86	77	72	64	62	64	65	69	82	86	91	95	91	91	85·6	10·2
23	96	96	96	95	97	97	97	96	97	96	92	90	81	78	77	79	85	85	89	93	90	91	92	91	90·7	**11·7**
24	91	89	89	89	89	89	89	85	85	83	84	81	77	75	64	70	73	75	81	86	89	93	97	100	84·1	10·8
25	99	99	97	96	93	95	95	99	96	96	96	96	90	91	88	86	85	86	85	89	89	87	92	91	92·5	11·1
26	91	95	100	99	99	97	97	99	95	93	91	89	90	87	86	86	89	89	91	95	94	95	95	95	**93·1**	8·8
27	91	85	88	85	87	89	88	81	77	77	74	75	71	71	71	74	75	71	73	74	77	83	84	84	79·6	6·4
28	79	81	85	83	83	81	80	80	77	74	70	67	65	62	60	63	59	59	59	61	59	66	71	75	71·0	5·7
29	76	77	75	68	75	75	75	75	73	65	68	64	58	57	55	55	52	52	56	63	70	73	77	79	67·1	5·3
30	79	77	77	80	80	81	79	72	66	62	60	56	59	59	57	59	54	54	59	65	65	75	77	80	68·0	5·3
31	79	71	72	71	68	67	67	69	69	67	64	63	63	57	57	56	55	67	74	77	75	77	84	88	68·9	5·4
Mean ...	84·0	84·8	85·8	86·1	**86·6**	86·0	86·5	84·9	81·0	76·2	70·6	66·5	62·4	60·5	**58·3**	61·0	63·3	66·7	72·0	76·0	78·2	81·6	82·3	84·2	76·0	6·6†
Vapour Pressure* ...	mb. 6·3	mb. 6·3	mb. 6·2	mb. 6·1	mb. 6·1	mb. **6·0**	mb. **6·0**	mb. 6·3	mb. 6·4	mb. 6·5	mb. **6·7**	mb. 6·6	mb. 6·6	mb. **6·7**	mb. 6·5	mb. 6·6	mb. 6·6	mb. 6·5	mb. 6·5	mb. 6·5	mb. 6·4	mb. 6·4	mb. 6·4	mb. 6·4	mb. 6·4‡	

415. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

April, 1924.

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	88	89	89	93	89	91	89	84	82	76	73	79	70	61	55	46	49	51	49	55	59	65	75	79	72·5	6·0
2	80	75	75	73	73	77	75	73	68	65	63	61	57	55	53	61	66	68	67	70	69	69	70	70	68·3	5·1
3	70	71	72	81	88	88	87	66	65	65	53	54	52	49	50	51	55	59	62	64	63	67	71	76	65·7	5·2
4	78	79	81	82	88	88	85	83	79	85	91	83	83	81	73	71	71	79	69	69	73	74	76	77	79·0	6·4
5	79	83	85	83	83	87	83	79	71	70	58	46	45	43	42	53	58	63	71	77	80	85	91	91	70·8	**5·0**
6	96	91	89	93	99	95	97	93	85	82	78	76	72	70	68	66	68	72	83	89	90	95	90	88	84·4	7·0
7	89	91	91	92	92	93	93	89	79	70	62	55	48	50	49	49	49	54	58	60	69	73	79	81	71·6	7·8
8	85	88	87	87	87	89	88	85	80	74	59	59	51	51	49	51	52	58	56	65	74	76	81	87	71·5	7·4
9	89	90	89	93	95	99	97	95	83	75	68	59	75	67	68	71	91	93	85	89	90	91	93	93	84·8	6·9
10	93	93	97	99	99	99	99	88	81	91	99	95	89	85	82	79	87	90	95	97	95	97	97	99	92·6	6·7
11	96	99	97	97	97	95	93	93	91	87	96	95	97	93	93	91	93	92	93	97	99	99	97	99	**95·0**	6·8
12	97	97	97	97	99	99	99	97	85	87	84	93	80	82	66	81	78	87	92	92	87	89	91	90	89·6	7·3
13	91	93	93	93	96	96	91	85	83	75	74	70	62	56	49	61	72	85	90	91	95	95	99	93	82·8	7·4
14	92	93	95	95	95	92	92	89	88	87	88	86	87	82	70	66	67	75	81	68	78	85	89	94	84·7	10·2
15	93	94	89	89	94	91	93	91	87	73	64	63	54	54	55	53	50	51	55	60	72	82	79	91	74·1	7·5
16	90	90	93	95	95	93	84	77	68	62	60	54	49	46	45	45	43	47	58	71	76	75	82	87	70·3	7·1
17	91	87	83	71	77	85	81	68	53	49	50	49	47	45	43	45	45	51	57	73	82	81	88	91	65·8	7·0
18	87	95	97	99	99	99	100	87	74	59	57	53	48	48	50	49	47	54	59	64	67	72	75	79	71·8	8·2
19	77	81	79	81	80	79	72	60	55	53	45	51	43	42	41	43	46	51	53	59	61	64	68	71	**60·8**	8·7
20	72	74	74	69	72	67	65	62	52	49	49	43	47	48	49	52	53	55	57	65	78	77	80	79	61·8	9·6
21	79	75	78	79	81	81	77	68	61	59	57	57	54	53	51	53	52	55	67	81	78	81	81	82	68·3	11·4
22	83	83	84	87	82	84	82	78	75	70	64	63	61	58	58	63	67	70	69	69	71	77	77	78	73·1	10·1
23	78	78	84	94	91	90	91	89	89	85	81	75	71	68	71	69	72	79	82	84	85	87	91	91	82·0	8·9
24	91	91	91	92	92	91	89	85	78	68	66	64	64	62	59	60	62	65	69	75	82	85	88	88	77·4	10·8
25	89	88	90	90	90	90	88	83	84	87	77	70	66	63	58	60	57	55	63	74	78	77	81	80	76·7	**11·8**
26	85	85	87	89	87	85	80	76	80	81	87	84	90	79	76	75	69	76	78	82	92	92	91	81	82·7	11·3
27	82	79	79	79	83	83	76	75	65	58	79	87	91	93	92	90	85	89	76	68	71	69	73	76	79·2	9·2
28	80	83	82	87	88	89	97	89	76	68	65	65	75	69	67	75	71	71	69	70	72	73	76	79	76·5	9·7
29	79	83	83	86	89	85	75	67	61	61	58	57	55	60	66	64	79	79	88	93	95	97	95	89	76·6	9·8
30	89	86	88	83	83	82	81	80	85	87	87	83	84	85	89	88	85	85	87	91	92	92	91	91	86·4	11·2
Mean ...	85·6	86·1	86·3	87·6	88·8	**88·8**	86·6	81·1	75·4	71·9	69·7	67·6	65·6	63·3	**61·2**	62·7	64·6	68·6	71·3	75·4	79·1	81·4	83·8	85·0	76·6	8·3†
Vapour Pressure* ...	mb. 7·8	mb. 7·8	mb. 7·7	mb. **7·6**	mb. **7·6**	mb. 7·8	mb. 8·0	mb. 8·0	mb. 8·0	mb. 8·0	mb. 8·2	mb. 8·3	mb. 8·4	mb. 8·3	mb. 8·2	mb. 8·4	mb. 8·5	mb. **8·6**	mb. 8·3	mb. 8·2	mb. 8·1	mb. 8·1	mb. 8·2	mb. 8·0	mb. 8·1‡	—
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

416. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground) = 3·0 metres.

May, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	88	91	95	95	93	97	96	99	97	89	83	91	74	77	66	76	69	68	77	84	83	79	81	86	84·9	10·7
2	91	93	97	95	97	96	95	92	89	82	69	61	57	57	60	60	56	56	70	75	78	83	84	86	78·3	10·2
3	89	92	88	87	87	87	85	81	73	70	67	68	63	55	67	77	64	72	75	82	84	89	92	93	78·5	10·3
4	96	92	79	81	89	86	79	78	74	62	59	60	55	63	77	68	74	67	81	87	85	80	80	83	76·7	8·9
5	79	81	83	85	89	84	83	69	64	59	57	57	51	57	51	47	55	61	60	65	72	76	81	83	68·7	**7·3**
6	85	87	88	91	93	83	76	72	67	66	67	67	63	62	62	60	57	55	59	65	74	78	78	83	72·4	8·4
7	80	85	81	87	83	83	77	76	65	60	63	61	53	61	55	57	52	58	66	65	67	73	79	78	69·5	8·0
8	81	80	84	81	82	81	76	73	70	69	71	70	57	54	53	74	76	78	78	74	79	81	83	80	74·3	7·9
9	74	75	81	84	85	81	73	66	57	50	50	50	48	51	46	50	54	60	62	67	74	77	81	83	65·7	8·2
10	88	89	91	93	92	93	88	83	80	77	71	72	86	89	91	90	91	91	93	93	95	96	97	93	**88·2**	11·9
11	95	95	92	93	93	88	87	76	71	67	66	61	65	61	61	58	62	67	71	89	95	95	97	97	79·2	10·9
12	100	97	100	97	100	100	92	82	77	74	71	67	67	65	64	66	68	71	74	78	86	87	93	95	82·2	11·6
13	93	93	93	94	94	94	89	83	83	80	77	72	70	69	72	66	65	62	66	81	87	95	95	97	82·0	13·2
14	93	92	96	95	95	92	87	83	81	74	69	65	57	60	59	59	63	70	74	81	82	84	87	79	78·6	14·0
15	78	83	86	86	88	86	76	69	60	55	49	53	55	51	51	49	52	59	62	61	69	68	70	78	66·5	10·6
16	76	81	88	91	89	87	78	69	59	58	57	51	53	50	51	48	48	52	57	61	64	72	76	78	66·4	9·5
17	83	81	90	93	87	83	84	72	62	58	57	51	48	47	43	48	47	47	57	65	61	63	67	65	**65·3**	9·7
18	66	72	79	81	80	78	77	79	76	73	66	59	54	56	55	56	74	78	74	78	78	80	85	87	72·1	11·9
19	93	96	96	96	97	93	90	87	84	80	75	75	66	62	61	53	55	60	75	81	91	89	93	95	80·8	**16·0**
20	97	97	96	96	99	96	92	78	66	65	65	65	66	67	67	71	70	75	85	91	85	92	83	93	81·6	15·2
21	93	96	95	99	95	94	82	70	61	63	60	56	58	57	60	57	57	60	64	77	88	86	83	87	75·0	14·9
22	87	89	89	90	90	87	83	77	70	70	63	61	62	62	64	68	73	74	75	80	78	80	85	85	76·8	14·2
23	86	87	85	85	82	78	75	67	65	63	59	63	67	70	63	61	78	82	79	85	85	85	86	86	75·9	12·0
24	85	87	91	91	92	89	82	85	91	84	78	75	74	77	70	64	69	67	73	77	77	79	81	82	79·7	10·8
25	83	82	83	84	83	81	74	72	80	71	71	68	61	55	67	70	61	59	58	63	66	76	78	83	72·0	10·7
26	84	84	85	87	89	83	84	74	73	67	59	53	51	57	49	53	51	56	61	65	67	68	75	78	69·0	10·4
27	82	83	86	91	89	84	76	73	65	63	61	59	57	59	57	58	55	55	60	70	79	85	87	92	71·6	11·6
28	94	94	95	99	96	99	92	85	73	66	59	56	54	48	49	53	51	49	51	60	66	65	69	71	71·0	12·1
29	73	77	78	77	77	78	73	68	66	61	58	56	56	53	53	61	67	67	70	83	89	91	89	88	70·8	13·5
30	88	88	89	86	85	81	81	78	71	70	65	64	59	62	59	62	62	61	73	76	80	83	83	78	74·5	14·2
31	73	86	94	91	82	84	82	77	67	67	80	77	75	72	71	69	69	74	82	90	94	93	93	93	80·3	15·9
Mean ...	85·6	87·3	88·8	**89·7**	89·4	87·3	82·7	77·2	72·2	68·2	65·2	63·3	60·7	60·8	**60·5**	61·6	62·4	64·9	69·7	75·8	79·3	81·5	83·6	85·0	75·1	11·4†
Vapour Pressure.* ...	mb. 10·8	mb. 10·7	mb. 10·7	mb. **10·6**	mb. **10·6**	mb. 10·8	mb. 11·0	mb. 11·0	mb. 11·0	mb. 11·0	mb. 11·1	mb. 11·2	mb. 11·3	mb. 11·4	mb. 11·4	mb. **11·5**	mb. 11·3	mb. **11·5**	mb. **11·5**	mb. **11·5**	mb. 11·3	mb. 11·1	mb. 11·1	mb. 11·0	mb. 11·1‡	

417. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

June, 1924.

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	93	93	89	88	86	81	75	75	72	72	71	67	65	66	85	81	79	72	71	80	85	90	92	92	80·0	13·1
2	87	88	91	85	79	79	72	83	77	78	80	88	88	73	77	70	63	85	89	90	92	85	84	83	82·1	11·3
3	84	83	86	89	92	86	83	81	73	65	63	61	59	55	62	65	71	75	87	88	91	91	91	92	77·8	10·8
4	90	91	92	90	87	88	86	81	78	78	78	84	86	88	87	91	93	93	92	93	95	93	93	92	**88·3**	12·7
5	91	92	90	92	89	89	87	84	76	72	67	65	65	65	64	66	64	69	68	71	75	78	83	84	77·1	11·1
6	89	87	89	89	82	86	79	79	68	61	59	59	56	54	55	57	59	65	68	71	73	76	81	83	71·9	11·4
7	86	90	91	90	91	89	82	77	75	69	68	63	60	63	65	64	67	70	69	74	88	92	94	95	77·7	14·6
8	95	91	88	89	89	90	85	77	69	65	57	62	73	57	51	68	56	75	73	73	76	78	80	81	75·2	12·5
9	81	81	81	80	82	80	81	74	69	63	65	63	61	59	59	59	51	69	72	74	78	82	82	92	72·2	12·4
10	94	91	89	91	89	86	85	77	68	61	59	61	66	65	66	66	66	66	69	74	78	79	81	84	75·6	12·9
11	83	81	81	80	82	83	82	87	89	89	92	84	83	77	75	66	63	63	66	74	80	86	88	87	80·0	13·2
12	90	92	92	91	88	89	88	79	81	73	76	76	69	69	62	68	86	71	77	78	83	89	88	85	80·9	13·0
13	86	83	87	87	87	89	85	85	82	83	84	80	77	71	69	63	60	60	63	66	67	69	70	66	76·2	10·0
14	68	67	73	73	73	69	69	69	68	65	65	64	63	65	61	59	59	57	62	76	77	85	89	91	68·9	**8·8**
15	95	93	95	93	95	93	95	89	81	79	71	64	56	54	51	54	58	58	58	67	80	84	91	91	76·9	12·7
16	91	93	96	96	96	89	87	82	75	72	62	53	55	46	45	45	49	48	47	55	50	69	73	74	69·0	13·6
17	74	81	83	85	86	83	77	69	63	63	60	60	58	58	54	51	51	54	59	62	63	70	83	85	67·8	15·2
18	82	92	89	89	86	82	78	72	65	61	61	61	54	54	52	50	53	49	53	61	79	78	89	91	69·9	14·2
19	95	94	92	94	94	91	86	81	73	65	63	57	52	52	51	52	51	46	51	58	66	74	78	87	71·0	13·5
20	80	85	89	90	89	88	83	77	72	70	59	63	59	56	49	53	63	68	64	67	75	76	82	85	72·6	12·8
21	88	84	83	83	81	77	64	63	62	58	54	53	48	49	45	51	59	60	61	67	73	75	80	84	66·8	11·7
22	87	90	91	92	92	90	83	68	61	61	57	54	47	49	49	47	43	42	45	52	71	78	82	86	67·3	12·3
23	86	89	92	91	88	86	76	64	58	51	47	51	52	47	47	47	46	47	51	58	61	67	70	75	**64·7**	12·9
24	81	86	88	87	88	82	79	73	67	69	65	59	58	59	53	57	59	57	63	67	75	79	84	85	71·5	15·4
25	87	89	89	90	90	89	84	84	78	74	71	65	64	57	53	55	53	53	53	64	71	76	83	85	73·2	**16·3**
26	87	89	90	90	90	85	83	83	75	67	61	60	54	49	47	51	50	49	49	57	64	75	82	84	69·7	16·0
27	85	85	83	79	77	75	77	72	68	67	66	66	64	58	56	57	59	62	60	58	61	61	62	67	68·1	13·3
28	70	74	79	79	79	75	70	63	61	58	54	49	52	49	51	55	54	55	59	64	69	71	72	71	63·8	10·9
29	74	78	78	77	76	71	64	65	63	60	59	57	55	54	53	49	58	62	68	71	74	77	76	78	66·4	12·4
30	79	80	83	84	82	76	70	69	66	60	55	59	61	54	49	47	51	60	56	61	67	68	66	75	65·8	11·8
Mean ...	85·3	86·4	**87·3**	87·1	86·2	83·9	79·8	76·1	71·1	67·6	65·0	63·6	62·0	59·1	**58·1**	58·8	59·8	62·0	64·1	69·0	74·0	78·4	81·6	83·7	72·9	12·8†
Vapour Pressure.* ...	mb. 12·5	mb. 12·4	mb. 12·2	mb. **12·0**	mb. 12·1	mb. 12·2	mb. 12·3	mb. 12·1	mb. 12·3	mb. 12·3	mb. 12·4	mb. 12·9	mb. 12·8	mb. 12·7	mb. 12·6	mb. 12·8	mb. **13·0**	mb. 12·9	mb. 12·9	mb. 12·9	mb. 13·1	mb. 12·6	mb. 12·4	mb. 12·6	mb. 12·5‡	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	

* Computed from the mean temperatures and mean relative humidities. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

418. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground) = 3·0 metres.

July, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	78	76	78	81	79	76	73	66	54	51	51	49	49	55	49	48	44	47	47	55	62	64	68	63	61·2	**10·0**
2	69	79	76	83	90	86	87	86	83	75	65	56	49	52	57	59	57	58	63	69	74	75	77	77	70·6	13·0
3	79	80	81	85	82	83	83	76	72	69	63	64	70	77	90	84	78	76	70	73	69	66	69	73	75·6	13·4
4	74	76	78	79	79	74	69	65	67	62	56	55	54	54	51	56	56	55	62	70	66	73	79	80	66·1	11·8
5	79	82	82	83	80	74	70	63	58	60	61	55	51	49	53	49	49	59	59	69	74	77	77	77	66·3	11·7
6	84	86	78	81	76	75	73	67	63	61	58	55	55	48	49	48	48	50	61	65	69	73	78	81	65·8	12·0
7	85	88	86	88	87	81	74	69	76	74	76	65	60	59	56	55	53	57	61	67	74	82	86	89	72·7	13·9
8	88	85	82	83	83	81	75	76	71	68	61	57	55	51	48	53	53	51	59	65	73	76	77	80	69·0	14·2
9	84	87	91	91	93	89	86	86	80	75	61	53	42	47	47	44	44	43	48	66	65	72	81	83	69·0	14·4
10	87	89	86	88	89	84	80	75	63	59	53	52	52	51	51	51	53	56	57	64	74	79	82	82	69·1	15·2
11	84	87	87	89	89	85	81	77	75	73	65	52	45	43	45	41	35	36	53	60	65	79	73	78	66·6	15·5
12	81	84	87	91	87	80	71	61	55	53	47	43	40	40	38	42	43	43	46	50	59	64	71	74	**60·5**	**17·7**
13	76	77	81	82	80	81	73	67	59	59	58	51	45	70	50	48	46	43	47	55	62	68	73	79	63·6	13·3
14	82	85	86	87	87	81	78	72	67	56	49	49	41	43	43	41	39	41	49	56	61	69	72	81	63·1	13·0
15	86	87	88	90	88	75	73	64	51	49	47	49	48	44	46	47	45	46	45	51	62	75	81	84	63·3	13·5
16	85	87	78	73	75	78	71	67	63	67	70	60	56	47	47	47	47	46	47	53	60	69	73	74	64·4	13·3
17	77	80	81	83	84	81	75	72	61	59	57	58	63	60	67	73	78	89	93	91	94	93	92	90	76·8	12·4
18	87	86	85	88	87	86	81	77	67	61	59	57	53	59	60	58	54	54	57	64	69	74	80	84	70·4	11·7
19	83	85	85	89	88	87	83	75	65	59	59	68	61	55	51	54	54	60	60	69	73	77	89	88	71·5	12·9
20	89	90	92	96	96	92	86	77	69	59	61	59	57	52	54	55	57	53	53	69	69	68	74	76	71·2	13·5
21	79	81	82	88	87	88	93	92	91	93	90	92	86	79	76	80	65	53	53	64	84	88	92	95	81·7	16·0
22	93	89	95	96	95	94	90	87	74	66	57	58	59	61	83	78	78	77	83	89	93	93	94	97	82·4	14·2
23	95	94	95	93	91	89	87	85	76	72	68	63	61	63	58	54	56	56	63	68	69	70	74	78	74·5	13·9
24	81	83	84	83	71	75	71	68	61	61	57	57	55	55	55	52	49	45	51	53	57	67	68	72	63·9	11·1
25	78	78	81	81	79	73	67	61	53	55	58	55	55	57	64	84	84	85	91	93	93	96	96	96	75·0	12·0
26	95	96	94	95	95	91	89	85	81	75	69	71	70	57	80	70	71	72	71	80	88	90	91	90	82·0	12·9
27	92	92	92	91	91	87	80	75	65	63	56	53	50	54	51	51	48	61	65	72	72	84	90	92	71·9	12·1
28	94	96	95	94	94	93	92	94	95	92	92	92	92	93	94	91	90	94	94	90	92	92	92	94	**92·9**	15·1
29	93	96	96	95	99	96	93	83	81	72	83	89	74	87	74	84	83	75	85	85	92	92	97	95	87·4	14·4
30	97	97	93	97	97	97	96	95	93	89	81	78	71	69	65	67	69	71	64	66	74	74	77	82	81·9	14·9
31	84	87	89	91	89	89	82	79	73	69	67	66	63	55	57	58	58	67	69	75	81	84	86	87	75·1	13·9
Mean ...	84·5	86·0	85·9	**87·5**	86·7	83·9	80·1	75·5	69·7	66·3	63·1	60·7	**57·5**	57·6	58·3	58·8	57·5	58·7	62·1	68·3	73·2	77·5	80·9	82·9	71·8	13·4†
Vapour Pressure.*	mb. 13·1	mb. 13·0	mb. **12·7**	mb. **12·7**	mb. 12·8	mb. 13·1	mb. 13·1	mb. 13·3	mb. 13·3	mb. 13·3	mb. 13·4	mb. 13·4	mb. 13·1	mb. 13·4	mb. 13·6	mb. **13·9**	mb. 13·5	mb. 13·6	mb. 13·7	mb. 13·6	mb. 13·4	mb. 13·3	mb. 13·3	mb. 13·2	mb. 13·3‡	

419. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

August, 1924.

	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	89	91	89	89	88	87	81	75	73	69	68	65	62	68	66	67	67	73	73	79	87	86	86	89	77·7	14·4
2	85	86	91	89	88	87	90	86	69	66	82	67	74	73	73	63	72	70	72	79	80	85	83	84	79·0	13·6
3	83	85	87	88	87	85	79	68	63	63	60	59	60	67	87	89	80	73	84	85	92	93	92	93	79·0	13·1
4	93	95	95	93	91	84	80	78	73	66	64	63	69	68	68	69	70	77	77	79	84	86	86	88	79·1	14·6
5	89	91	90	90	89	89	86	80	78	78	75	69	65	70	70	73	80	64	63	74	78	79	85	87	78·9	**17·0**
6	91	91	91	91	94	95	93	88	85	85	81	75	72	61	60	56	59	67	69	83	92	91	85	89	81·0	14·4
7	87	86	84	89	88	89	87	82	73	63	59	57	52	49	47	57	62	56	60	65	67	69	69	72	69·9	11·4
8	75	78	81	86	88	88	89	80	77	63	59	51	50	50	51	51	55	53	64	67	73	81	84	87	**69·7**	11·8
9	93	92	92	96	95	93	88	79	74	67	66	59	55	51	49	51	51	63	65	67	76	85	90	89	74·4	13·1
10	93	95	95	93	97	97	90	79	67	65	60	59	58	55	50	52	55	58	60	73	76	81	86	87	74·3	13·4
11	93	95	96	95	96	95	89	80	75	66	63	57	55	52	50	49	53	53	59	70	77	83	88	93	74·1	14·7
12	89	88	92	92	93	95	92	82	75	72	69	66	64	61	59	63	61	70	72	76	82	85	90	90	78·3	14·2
13	90	91	97	96	94	91	87	81	76	72	79	73	68	78	75	66	72	70	73	81	82	84	88	90	81·4	14·5
14	91	91	93	93	90	90	89	85	77	73	64	62	57	55	61	67	76	79	81	87	89	89	90	89	80·0	14·6
15	89	91	89	88	87	87	81	74	70	62	58	51	49	57	50	75	75	61	69	76	79	82	82	82	73·6	12·4
16	87	87	88	91	93	89	81	73	68	63	68	58	60	56	55	61	64	79	76	82	85	85	87	88	75·9	12·8
17	88	86	88	87	87	87	85	85	93	89	82	77	68	62	57	60	79	66	70	74	73	83	83	83	79·0	13·2
18	83	81	78	76	77	74	74	71	70	69	72	63	61	57	75	65	81	75	77	81	82	82	82	84	74·5	11·7
19	87	87	87	87	89	88	82	77	76	70	64	75	61	56	61	52	55	60	69	75	81	82	86	87	74·7	11·3
20	85	86	87	87	92	93	87	83	78	70	71	61	57	55	57	62	68	72	79	85	82	85	85	87	77·3	11·4
21	84	84	87	86	86	85	80	76	63	61	57	57	63	68	66	67	65	68	73	75	78	81	83	83	74·1	12·0
22	82	87	87	88	88	90	83	80	69	68	62	65	87	83	83	73	71	75	87	91	91	92	93	95	81·8	13·0
23	95	94	92	92	93	93	90	88	82	79	72	70	63	64	66	63	59	72	78	80	82	80	85	89	80·2	12·7
24	85	86	86	85	85	84	85	84	92	82	88	79	79	72	69	69	83	82	83	87	83	85	80	82	82·4	11·9
25	83	85	85	86	87	85	81	76	75	66	65	71	60	60	62	63	74	77	91	90	88	89	91	95	78·3	11·8
26	93	96	93	96	93	93	95	89	79	74	66	64	63	59	59	63	63	62	74	81	85	78	83	85	78·8	12·5
27	87	86	86	89	87	90	81	69	72	68	62	63	65	60	56	54	53	67	74	83	87	85	87	86	74·8	**11·0**
28	88	89	92	91	92	91	90	85	79	73	70	68	68	69	73	77	82	89	86	83	85	86	89	91	82·6	13·0
29	91	92	92	92	91	91	93	93	92	91	79	74	67	65	63	69	75	84	89	88	87	92	93	92	84·7	14·6
30	91	92	91	93	93	93	91	90	89	84	82	78	75	68	73	75	80	80	86	84	92	92	93	94	85·7	15·7
31	93	93	94	95	95	93	93	90	88	79	83	80	78	74	89	84	81	79	75	76	81	86	89	90	**85·8**	16·1
Mean ...	88·1	88·9	89·5	90·0	**90·1**	89·4	86·2	80·8	76·5	71·5	69·3	65·7	64·0	**62·7**	63·9	64·7	68·4	70·1	74·5	79·2	82·5	84·6	86·2	87·7	78·1	13·3†
Vapour Pressure* ...	mb. 13·0	mb. 12·9	mb. 12·7	mb. 12·7	mb. **12·6**	mb. 12·8	mb. 13·1	mb. 13·2	mb. 13·3	mb. 13·1	mb. 13·2	mb. 13·2	mb. 13·1	mb. 13·1	mb. 13·2	mb. 13·3	mb. 13·3	mb. 13·2	mb. 13·3	mb. 13·2	mb. **13·4**	mb. **13·4**	mb. 13·2	mb. 13·3	mb. 13·1‡	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

420. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground) = 3·0 metres.

September, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	91	94	93	91	89	88	85	84	80	80	73	75	71	73	67	67	69	74	78	79	82	84	83	85	80·7	14·1
2	84	87	87	87	86	88	86	82	75	72	71	72	69	68	73	73	75	77	81	79	77	81	87	85	79·3	13·8
3	88	93	91	93	89	88	86	85	78	71	67	68	66	67	65	67	71	83	83	84	81	81	81	80	79·5	13·6
4	87	88	89	89	93	91	88	83	82	79	86	84	80	79	75	90	89	84	90	92	93	91	91	92	86·6	14·6
5	94	94	95	97	97	96	94	92	83	66	67	67	63	60	60	62	69	73	80	85	88	93	97	97	81·9	14·3
6	96	95	97	96	96	99	91	88	85	81	78	75	67	63	61	61	66	72	76	83	85	82	81	83	81·8	15·0
7	88	88	87	88	88	89	88	86	87	90	88	85	80	78	76	78	81	83	84	89	88	89	90	92	85·6	**17·4**
8	92	94	94	91	92	92	87	81	74	70	65	61	60	57	58	58	60	63	76	82	86	84	83	87	77·1	15·2
9	87	87	87	89	89	87	87	77	77	76	81	74	70	77	72	69	78	87	87	78	72	78	75	78	80·2	13·3
10	75	76	76	78	77	78	76	72	68	63	60	54	53	55	53	55	55	62	72	76	79	79	79	81	**68·8**	**9·2**
11	82	79	82	85	87	88	87	89	85	80	75	73	69	83	70	64	67	74	80	82	86	89	87	89	80·3	13·0
12	88	89	86	86	84	84	85	85	79	79	73	73	66	67	73	85	83	81	82	85	88	88	89	92	82·0	14·7
13	88	85	84	84	81	81	82	80	76	72	71	71	67	67	65	69	73	74	76	80	83	85	87	89	78·0	15·5
14	93	93	92	93	94	91	91	92	81	74	65	63	57	56	53	54	55	62	70	72	75	78	82	84	76·0	12·2
15	85	86	88	89	90	89	88	83	79	71	64	61	61	66	63	65	65	68	75	77	80	82	79	84	76·6	12·0
16	88	91	89	89	89	89	89	82	78	71	67	64	66	70	68	69	74	79	79	86	85	89	89	91	80·3	13·9
17	89	88	85	85	85	89	89	87	85	86	82	79	80	77	81	84	83	84	85	92	90	84	86	81	85·0	15·8
18	81	80	82	85	85	85	85	83	74	68	64	61	59	57	59	56	61	67	78	83	84	89	88	87	74·9	12·0
19	87	91	93	92	96	93	95	91	80	75	69	63	63	62	61	65	70	75	77	77	76	76	86	88	79·2	12·1
20	93	88	82	85	87	90	85	77	75	71	70	80	84	88	83	81	80	85	85	89	90	86	83	79	83·4	15·7
21	72	73	75	72	74	75	74	72	67	65	57	59	57	53	57	62	67	72	77	79	83	90	90	93	71·2	11·3
22	93	95	95	95	95	93	91	87	78	65	63	62	70	64	59	55	62	69	75	78	80	82	82	79	78·1	11·0
23	82	77	80	78	82	87	90	90	93	82	81	81	79	75	70	65	68	69	77	79	81	76	82	79	79·3	11·3
24	83	81	83	82	81	82	83	77	70	63	56	57	56	56	54	57	61	69	75	81	84	86	85	91	72·8	9·9
25	87	83	78	81	79	82	84	78	77	75	89	88	90	83	82	85	88	90	90	92	95	95	93	95	85·7	11·5
26	91	92	91	91	91	90	91	91	91	83	84	90	91	91	88	87	91	90	87	91	92	88	88	87	**89·6**	12·9
27	89	87	87	87	87	88	87	85	82	76	77	65	65	62	63	63	65	74	80	85	87	93	90	86	79·6	11·5
28	95	97	93	94	93	95	95	95	95	91	85	84	75	69	70	71	75	84	89	92	92	91	95	93	87·7	10·9
29	92	92	92	93	91	89	88	86	79	74	69	66	61	62	66	65	73	75	78	80	75	74	78	84	78·6	12·5
30	93	95	95	94	95	94	95	94	85	81	78	73	82	79	78	79	89	94	97	96	96	95	95	96	89·3	14·3
Mean ..	87·8	87·9	87·6	88·0	88·1	**88·3**	87·4	84·5	79·9	75·0	72·5	70·9	69·2	68·8	**67·4**	68·7	72·1	76·4	80·6	83·4	84·4	85·3	86·0	86·9	80·3	13·1†
Vapour Pressure ..	mb. 12·9	mb. 13·0	mb. 12·9	mb. **12·8**	mb. 12·9	mb. 12·9	mb. 13·0	mb. 13·1	mb. 13·1	mb. 12·9	mb. 12·9	mb. 13·0	mb. 13·0	mb. **13·2**	mb. 12·9	mb. 13·0	mb. 13·1	mb. 13·1	mb. **13·2**	mb. 13·0	mb. 13·1	mb. 13·0	mb. 13·0	mb. **12·8**	mb. 13·0‡	

421. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

October, 1924.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	95	92	93	92	91	91	91	93	93	93	91	90	88	88	86	87	88	90	90	92	92	91	92	95	91·0	12·3
2	93	95	94	96	94	97	96	96	95	90	79	73	72	71	66	72	75	81	85	85	90	93	89	93	86·3	10·9
3	95	91	100	97	95	97	97	97	100	93	73	72	68	61	54	59	77	81	82	89	96	93	93	93	85·5	10·6
4	90	90	91	96	95	97	95	92	92	81	79	79	76	71	71	69	74	80	89	91	90	96	96	95	86·4	11·4
5	93	97	96	96	96	96	97	97	96	89	85	83	78	74	76	77	78	83	88	93	92	86	86	82	88·4	11·7
6	87	85	84	86	87	89	85	83	73	73	70	78	77	74	77	80	85	81	82	85	83	82	95	99	82·1	10·9
7	96	92	89	88	87	87	87	84	82	76	73	70	64	62	66	70	77	77	89	95	96	95	96	97	83·2	10·7
8	96	96	95	95	94	96	90	90	85	79	81	85	89	87	70	71	75	82	81	81	85	89	88	89	86·4	11·4
9	93	93	95	93	92	95	93	90	84	77	69	59	61	68	69	74	82	87	87	88	86	88	87	88	83·3	11·6
10	86	85	86	86	84	88	88	85	79	73	72	70	67	68	69	69	76	80	81	84	83	82	81	82	79·5	13·2
11	83	84	84	87	86	87	89	91	85	89	93	90	89	91	93	94	95	94	92	88	89	88	89	91	89·0	**14·3**
12	93	91	94	95	95	95	94	93	87	84	82	76	73	74	70	75	83	90	89	91	93	90	91	95	87·1	**14·3**
13	95	95	99	100	99	99	97	99	97	95	80	67	65	67	65	68	80	89	89	94	94	97	100	97	88·6	13·8
14	97	99	97	99	99	100	97	99	99	95	94	93	76	75	75	75	76	85	89	93	94	90	90	91	90·8	13·5
15	94	94	90	91	90	87	84	78	77	75	78	79	79	76	77	76	79	81	87	84	85	88	88	90	83·7	12·3
16	90	89	90	81	84	85	79	77	76	75	73	72	73	72	70	75	73	77	76	78	76	81	82	77	78·7	10·7
17	79	85	87	87	87	87	86	88	84	82	82	79	76	76	73	72	76	81	78	86	87	91	95	96	83·0	10·9
18	97	100	97	100	95	99	97	95	95	91	76	74	61	64	65	69	73	79	82	84	88	89	91	91	85·6	9·6
19	92	89	92	93	93	93	92	93	92	93	95	92	92	91	92	91	91	94	94	93	95	87	89	91	92·0	12·0
20	93	93	91	93	93	95	93	95	92	87	85	82	75	75	75	81	81	85	89	89	90	92	92	93	87·8	11·5
21	91	95	96	95	93	91	91	87	91	95	93	93	91	92	95	95	96	97	96	96	97	97	99	97	94·0	12·4
22	96	91	89	84	79	77	76	79	78	75	68	72	76	75	62	67	66	71	69	72	78	78	83	83	77·1	8·7
23	83	83	81	81	82	85	83	83	78	68	67	78	68	60	65	68	65	69	71	69	67	73	87	90	**75·0**	7·4
24	93	99	93	95	95	93	99	97	95	82	70	72	65	65	64	65	70	73	79	75	72	69	71	76	80·6	**7·3**
25	75	88	89	85	84	85	84	86	85	83	82	86	85	86	87	87	87	87	87	85	87	89	91	91	85·6	8·4
26	94	93	95	94	93	91	95	92	93	93	95	92	92	96	96	95	97	97	99	99	100	99	97	93	**95·0**	11·2
27	96	92	92	95	95	92	92	91	87	79	76	71	72	73	87	95	97	97	87	88	85	84	83	86	87·3	11·5
28	87	89	91	93	95	95	97	93	86	82	79	72	68	70	81	80	83	84	86	89	89	91	93	96	86·0	12·6
29	93	95	95	93	93	96	94	93	91	84	84	81	86	87	84	85	89	92	94	95	94	95	96	96	91·0	13·9
30	88	88	90	92	90	87	89	90	83	83	92	91	80	79	81	79	83	84	81	78	81	83	85	84	85·3	11·6
31	85	84	84	90	91	96	97	96	97	91	86	84	84	84	84	85	85	87	91	91	92	96	97	97	89·5	11·8
Mean ...	90·9	91·3	91·6	**91·9**	91·2	**91·9**	91·1	90·4	88·0	84·0	80·7	79·2	76·3	75·9	**75·7**	77·6	81·0	84·3	85·8	87·1	87·9	88·5	90·1	90·8	86·0	11·4†
Vapour Pressure* ...	mb. 11·2	mb. 11·0	mb. 11·0	mb. 10·9	mb. **10·7**	mb. **10·7**	mb. **10·7**	mb. 10·9	mb. 11·3	mb. 11·5	mb. 11·5	mb. 11·4	mb 11·4	mb. 11·5	mb. 11·7	mb. 11·7	mb. 11·7	mb. 11·7	mb **11·8**	mb. 11·6	mb 11·6	mb 11·4	mb. 11·3	mb. 11·3	mb. ‡11·3	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

Percentages at exact hours, Greenwich Mean Time. Determined as explained on page 14.

422. Richmond (Kew Observatory) : North Wall Screen : h_t (height of thermometer bulbs above the ground) = 3·0 metres.

November, 1924.

Day.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	Vapour Pressure.*
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	96	97	95	96	96	95	97	96	91	90	91	89	96	97	97	96	94	93	93	92	92	91	88	89	93·8	**12·9**
2	80	76	76	76	78	79	77	77	78	75	68	70	69	67	67	63	67	71	73	73	75	78	79	81	74·0	10·9
3	82	82	84	85	91	91	93	90	86	83	82	75	72	69	72	75	81	85	86	82	76	77	77	82	81·5	8·7
4	84	89	83	83	83	87	85	93	75	75	73	71	68	66	68	71	76	83	87	87	89	97	96	96	81·6	6·4
5	95	97	97	98	99	99	91	91	87	90	80	71	72	73	76	79	81	81	80	85	87	90	93	90	86·9	6·9
6	87	91	92	94	93	91	93	91	86	82	72	69	65	62	65	70	72	71	75	78	78	76	82	79	80·0	9·0
7	79	78	84	89	81	80	81	77	73	72	71	68	69	69	68	67	65	68	68	71	72	72	73	75	**73·8**	8·7
8	76	79	78	78	73	74	76	74	73	71	77	78	78	79	79	83	82	85	86	87	87	88	87	90	79·6	9·4
9	91	89	93	93	93	91	93	91	87	87	81	80	79	81	83	86	89	86	90	90	90	91	91	92	88·2	8·7
10	92	92	92	93	93	93	93	94	91	85	85	79	76	79	82	87	93	96	94	95	99	95	100	100	90·6	9·9
11	99	100	99	100	100	100	99	100	96	92	84	80	80	80	80	85	86	87	93	95	97	99	99	100	92·9	11·3
12	99	99	99	100	97	95	95	93	92	91	91	93	95	95	95	95	93	92	92	95	93	97	96	96	95·0	11·1
13	96	95	92	92	91	95	93	93	93	95	91	89	89	91	85	82	78	79	81	81	84	86	92	93	89·0	9·9
14	96	93	93	92	93	93	93	93	92	91	89	89	87	91	89	84	93	93	96	93	93	95	89	87	91·7	10·4
15	86	86	87	87	87	87	87	79	82	83	83	77	76	73	72	71	71	70	73	76	71	83	76	85	79·5	7·6
16	90	91	91	89	89	89	88	89	87	84	82	81	80	83	85	85	85	77	81	79	79	79	84	87	84·7	6·9
17	84	85	80	79	77	77	77	79	77	79	82	78	79	79	79	82	83	88	89	99	91	97	99	97	83·8	**6·1**
18	99	99	97	99	96	99	97	98	97	98	97	97	96	95	95	92	95	95	97	97	99	99	99	100	**97·1**	6·6
19	100	100	97	97	97	95	97	95	97	94	94	89	86	85	86	90	91	91	95	95	97	95	95	95	94·0	8·8
20	99	99	99	97	99	99	99	97	95	91	86	82	75	76	76	83	83	88	91	93	89	89	91	73	90·0	9·5
21	75	81	80	80	83	83	83	83	83	79	78	74	76	76	81	83	78	72	74	75	70	76	77	76	78·1	8·4
22	76	78	78	80	78	78	76	76	76	72	71	71	72	72	72	74	75	73	73	75	75	76	78	76	75·0	9·0
23	77	80	82	83	85	84	83	84	81	81	76	75	76	77	74	78	77	78	74	77	78	79	79	77	78·9	10·3
24	77	79	81	80	78	78	84	82	77	79	80	80	76	80	80	82	83	83	87	87	86	89	87	89	81·6	8·5
25	89	94	95	97	96	97	96	93	91	92	91	92	91	89	87	89	87	91	90	89	90	92	92	88	91·6	11·0
26	90	91	88	90	89	89	90	91	89	84	86	84	84	84	87	92	91	89	86	83	84	86	82	85	87·3	11·2
27	79	71	84	85	85	83	85	81	77	74	85	86	77	74	73	76	81	79	83	83	85	85	88	91	81·1	9·2
28	95	92	95	91	91	93	87	85	88	89	87	91	86	85	82	87	88	91	93	89	87	91	96	96	89·7	8·2
29	97	97	97	95	91	92	92	92	93	92	85	81	82	84	85	86	86	86	89	91	89	89	89	88	89·7	11·6
30	87	86	90	88	88	87	87	89	84	81	78	80	76	83	79	84	87	92	89	93	88	92	95	93	86·4	11·2
Mean ...	88·4	88·9	89·3	**89·5**	89·0	89·1	88·9	88·2	85·8	84·4	82·5	80·6	**79·4**	79·8	80·0	81·9	83·0	83·8	85·3	86·2	85·7	87·6	88·3	88·2	85·6	†9·3
Vapour Pressure.* ...	mb. 9·2	mb. 9·2	mb. 9·1	mb. 9·1	mb. 9·0	mb. 9·0	mb. **8·9**	mb. **8·9**	mb. **8·9**	mb. 9·1	mb. 9·3	mb. 9·4	mb. 9·4	mb. **9·5**	mb. 9·4	mb. **9·5**	mb. 9·4	mb. 9·2	mb. 9·2	mb. 9·1	mb. 9·1	mb. 9·2	mb. 9·2	mb. 9·2	mb. ‡9·2	

423. Richmond (Kew Observatory) : North Wall Screen : h_t = 3·0 metres.

December, 1924.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	mb.
1	97	96	97	97	96	99	96	95	92	87	83	83	79	79	81	86	91	89	88	88	85	87	95	96	90·0	11·0
2	97	94	96	95	95	95	95	97	96	96	97	97	96	93	96	96	96	96	97	96	96	97	100	100	96·1	10·8
3	97	99	99	96	96	99	97	99	97	97	92	87	85	87	84	87	88	88	89	89	88	88	88	89	92·1	10·1
4	89	85	91	94	95	94	95	93	93	95	91	87	87	87	85	88	91	93	92	93	91	91	93	95	91·0	9·8
5	96	96	95	95	91	85	80	81	78	76	81	78	78	69	66	77	76	77	83	86	85	86	83	86	82·9	10·9
6	86	83	83	81	80	79	80	83	82	78	76	71	65	68	70	76	84	82	90	94	92	97	91	92	81·7	8·7
7	95	95	87	95	95	97	99	100	90	97	97	91	87	80	83	84	89	87	90	93	91	91	87	93	91·3	8·3
8	93	89	88	89	88	91	87	87	86	82	85	83	80	81	81	81	83	85	89	85	85	86	84	89	85·8	8·1
9	88	91	90	88	92	95	95	93	95	97	93	90	86	83	81	86	95	98	93	96	99	97	91	97	91·9	7·5
10	97	95	97	97	97	95	96	97	97	93	99	99	99	99	97	99	99	99	99	99	99	96	97	96	97·4	6·3
11	97	99	99	97	95	99	99	98	98	98	98	98	97	97	97	97	97	99	96	99	97	99	96	96	**97·6**	**6·1**
12	97	97	96	97	99	99	99	100	100	97	92	91	89	88	89	89	88	89	89	88	90	91	91	90	93·3	7·0
13	92	92	92	92	91	90	89	89	85	87	84	82	85	83	83	85	87	85	87	88	93	93	95	93	88·4	7·1
14	95	99	99	99	99	99	99	99	99	97	92	87	77	80	83	86	91	90	92	95	95	97	95	97	93·3	7·9
15	97	97	93	99	99	93	94	94	93	91	87	86	90	93	93	95	94	97	97	97	97	93	93	93	94·0	8·5
16	92	95	96	97	95	93	93	99	96	93	92	92	87	87	88	91	92	93	92	92	92	95	94	93	92·9	10·6
17	91	90	94	91	94	97	94	99	99	99	99	97	97	95	94	93	94	95	94	95	94	97	95	95	95·0	8·5
18	97	95	97	97	97	95	93	95	95	93	91	87	81	79	81	85	87	87	88	89	88	87	89	89	90·2	9·7
19	89	89	87	87	91	89	89	91	92	92	87	89	88	90	90	91	91	90	91	90	92	92	91	92	90·0	**11·3**
20	93	93	92	92	93	93	99	95	97	97	99	95	97	95	93	87	95	99	94	94	91	94	97	94	94·5	9·6
21	95	94	91	91	93	90	91	93	97	95	87	87	86	85	85	83	82	79	81	83	83	84	85	85	87·9	8·3
22	85	85	85	87	85	89	87	89	85	85	87	83	85	83	83	89	89	91	89	89	90	93	94	94	87·3	7·2
23	92	95	93	89	86	87	76	71	71	70	72	82	85	92	92	96	95	97	97	97	93	96	95	89	88·0	10·1
24	93	89	87	86	82	82	82	81	82	78	79	78	78	82	80	82	85	86	85	85	81	86	91	85	83·6	10·3
25	87	89	91	92	93	92	87	91	86	88	80	80	82	81	81	82	85	88	91	92	91	87	87	85	87·0	10·0
26	87	91	91	91	85	86	85	84	83	86	85	76	71	72	72	73	74	74	76	81	85	86	83	78	**81·6**	9·3
27	78	77	77	76	77	82	85	87	87	92	92	91	89	91	91	91	89	92	92	92	93	89	89	91	86·8	10·1
28	91	87	94	95	89	87	90	87	89	77	75	74	72	73	71	72	79	79	79	83	83	85	85	85	82·7	7·8
29	85	91	88	91	87	89	89	89	88	89	87	77	79	78	77	81	86	83	85	81	84	85	82	83	84·8	7·4
30	81	82	88	89	87	87	89	89	86	88	89	89	92	92	91	95	91	82	85	89	85	87	88	88	87·7	9·8
31	88	83	89	91	90	87	85	87	85	87	83	80	68	82	76	75	81	79	79	81	73	81	81	82	82·3	7·1
Mean ...	91·5	91·3	**91·7**	92·0	91·3	91·4	90·8	91·3	90·3	89·6	88·1	86·0	84·4	84·7	**84·3**	86·4	88·5	88·7	89·3	90·3	89·7	90·7	90·5	90·7	89·3	†8·9
Vapour Pressure.* ...	mb. 8·9	mb. 8·7	mb. 8·8	mb. 8·8	mb. 8·7	mb. 8·6	mb. 8·6	mb. **8·5**	mb. 8·6	mb. 9·0	mb. **9·1**	mb. **9·1**	mb. 9·0	mb. **9·1**	mb. 8·9	mb. 8·9	mb. 9·0	mb. 8·8	mb. 8·7	mb. 8·8	mb. 8·7	mb. 8·7	mb. 8·7	mb. 8·7	mb. ‡8·8	
Hour G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean.	—

* Computed from the mean temperature and mean relative humidity. † Mean of the column. ‡ Mean of the row.

HUMIDITY: ANNUAL MEANS OF HOURLY VALUES.

From the monthly means, for exact hours, Greenwich Mean Time.

424. Richmond (Kew Observatory) : North Wall Screen : $h_t = 3{\cdot}0$ metres. **1924.**

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean
Relative Humidity ...	% 87·0	% 87·7	% 88·1	% **88·6**	% 88·4	% 87·8	% 86·2	% 83·6	% 80·1	% 76·7	% 74·1	% 71·9	% 69·8	% 69·0	% **68·5**	% 69·9	% 71·8	% 74·0	% 76·6	% 79·8	% 81·8	% 83·7	% 85·2	% 86·3	% 79·9
Vapour Pressure in millibars	mb. 9·7	mb. 9·6	mb. 9·5	mb. 9·5	mb. **9·4**	mb. 9·5	mb. 9·6	mb. 9·7	mb. 9·8	mb. 9·9	mb. 9·9	mb. 10·0	mb. 10·1	mb. **10·2**	mb. 10·1	mb. 10·1	mb. 10·1	mb. 10·1	mb. 10·0	mb. 10·0	mb. 9·9	mb. 9·8	mb. 9·7	mb. 9·7	mb. 9·8

RELATIVE HUMIDITY: MONTHLY MEANS AND DIURNAL INEQUALITIES.

The departures from the mean of the day are adjusted for non-cyclic change.

425. Richmond (Kew Observatory) : North Wall Screen : $h_t = 3{\cdot}0$ metres. **1924.**

Month.	Mean.	Hour 1.	G.M.T 2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Jan.	87·9	+ 3·3	+ **3·7**	+ **3·7**	+ 3·5	+ 3·1	+ 3·2	+ 3·0	+ 3·1	+ 2·1	− 0·3	− 2·1	− 4·7	− 6·8	− **7·2**	− 6·9	− 4·9	− 2·4	− 0·6	+ 0·2	+ 0·7	+ 0·6	+ 1·0	+ 1·9	+ 2·8
Feb.	78·5	+ 2·3	+ 2·5	+ 2·3	+ 3·3	+ 3·5	+ 3·4	+ **3·9**	+ 3·7	+ 2·2	− 0·4	− 2·2	− 2·7	− 3·7	− 3·6	− **5·0**	− 4·5	− 2·3	− 2·1	− 1·7	− 0·5	− 0·3	0·0	+ 0·2	+ 1·0
Mar.	76·0	+ 8·3	+ 9·0	+10·0	+10·3	+**10·8**	+10·1	+10·6	+ 9·0	+ 5·1	+ 0·2	− 5·4	− 9·6	−13·7	−15·6	−**17·8**	−15·2	−12·9	− 9·5	− 4·2	− 0·3	+ 1·9	+ 5·3	+ 5·9	+ 7·7
April	76·0	+ 9·1	+ 9·6	+ 9·7	+11·1	+12·2	+**12·3**	+10·1	+ 4·6	− 1·1	− 4·6	− 6·8	− 8·9	−11·0	−13·3	−**15·3**	−13·9	−12·0	− 8·0	− 5·3	− 1·2	+ 2·5	+ 4·8	+ 7·2	+ 8·4
May	75·1	+10·5	+12·2	+13·7	+**14·6**	+14·3	+12·2	+ 7·6	+ 2·1	− 2·9	− 6·9	− 9·9	−11·8	−14·4	−14·3	−**14·7**	−13·5	−12·7	−10·3	− 5·4	+ 0·6	+ 4·2	+ 6·4	+ 8·4	+ 9·9
June	72·9	+12·1	+13·2	+**14·1**	+13·9	+13·1	+10·8	+ 6·7	+ 3·0	− 1·9	− 5·4	− 8·0	− 9·3	−10·9	−13·8	−**14·8**	−14·1	−13·0	−10·8	− 8·7	− 3·7	+ 1·9	+ 5·7	+ 8·9	+11·0
July	71·8	+12·8	+14·3	+14·3	+**15·9**	+15·0	+12·2	+ 8·3	+ 3·8	− 2·0	− 5·5	− 8·7	−11·1	−**14·3**	−14·2	−13·5	−13·1	−**14·3**	−13·2	− 9·8	− 3·7	+ 1·2	+ 5·6	+ 9·0	+10·9
Aug.	78·1	+10·1	+10·9	+11·5	+11·9	+**12·0**	+11·3	+ 8·1	+ 2·7	− 1·6	− 6·6	− 8·7	−12·4	−14·1	−**15·4**	−14·2	−13·4	− 9·7	− 8·0	− 3·7	+ 1·1	+ 4·3	+ 6·4	+ 8·1	+ 9·6
Sept.	80·3	+ 7·6	+ 7·7	+ 7·4	+ 7·7	+ 7·8	+ **8·1**	+ 7·1	+ 4·2	− 0·3	− 5·3	− 7·8	− 9·4	−11·1	−11·5	−**12·9**	−11·6	− 8·2	− 3·9	+ 0·3	+ 3·1	+ 4·1	+ 4·9	+ 5·6	+ 6·5
Oct.	86·0	+ 4·9	+ 5·4	+ 5·6	+ **5·9**	+ 5·2	+ **5·9**	+ 5·1	+ 4·4	+ 2·0	− 1·9	− 5·3	− 6·8	− 9·6	−10·1	−**10·3**	− 8·4	− 4·9	− 1·6	− 0·2	+ 1·1	+ 2·0	+ 2·5	+ 4·1	+ 4·8
Nov.	85·6	+ 2·8	+ 3·2	+ 3·6	+ **3·9**	+ 3·4	+ 3·5	+ 3·3	+ 2·6	+ 0·2	− 1·2	− 3·1	− 4·9	− **6·1**	− 5·8	− 5·6	− 3·7	− 2·5	− 1·8	− 0·3	+ 0·6	+ 0·1	+ 2·1	+ 2·8	+ 2·7
Dec.	89·3	+ 2·0	+ 1·9	+ 2·2	+ **2·6**	+ 1·9	+ 2·0	+ 1·4	+ 2·0	+ 0·9	+ 0·2	− 1·2	− 3·3	− 4·9	− 4·6	− **5·0**	− 2·9	− 0·7	− 0·6	+ 0·1	+ 1·1	+ 0·5	+ 1·6	+ 1·3	+ 1·5
Year	79·8	+ 7·1	+ 7·8	+ 8·2	+ **8·7**	+ 8·5	+ 7·9	+ 6·3	+ 3·8	+ 0·2	− 3·1	− 5·8	− 7·9	−10·1	−10·8	−**11·3**	− 9·9	− 8·0	− 5·9	− 3·2	− 0·1	+ 2·0	+ 3·9	+ 5·3	+ 6·4

RAINFALL: ANNUAL TOTALS OF HOURLY VALUES.

Amounts, in millimetres; durations, in hours for periods of sixty minutes between the exact hours, Greenwich Mean Time.

426. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **1924.**

G.M.T.	0 to 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	21 to 22.	22 to 23.	23 to 24.	0 to 24.
Amount	mm. 34·5	mm. 25·8	mm. 26·7	mm. 24·7	mm. 26·1	mm. 24·7	mm. 23·0	mm. 25·1	mm. 30·1	mm. **22·4**	mm. 32·0	mm. 34·8	mm. 33·5	mm. 37·6	mm. 36·2	mm. 27·8	mm. 40·9	mm. 45·2	mm. 43·4	mm. 35·9	mm. **48·0**	mm. 41·1	mm. 37·0	mm. 30·7	mm. 787·2
Duration	hr. 25·0	hr. 21·1	hr. 20·0	hr. 21·4	hr. 22·1	hr. 19·4	hr. 22·0	hr. 16·9	hr. 19·4	hr. **16·6**	hr. 21·7	hr. 20·9	hr. 21·7	hr. 23·3	hr. 23·6	hr. 22·6	hr. 24·9	hr. 30·7	hr. 27·6	hr. 27·4	hr. **35·4**	hr. 34·1	hr. 30·1	hr. 27·9	hr. 575·8

427. Richmond (Kew Observatory). NOTES ON RAINFALL. 1924.

Dry Periods.

There were two outstanding dry periods in the year, one in March and the other in June. No precipitation at all was recorded from March 7th to 22nd (16 days), and from June 19th to July 1st (13 days). Not more than 0·1 millimetre fell on any day from January 25th to February 17th (24 days), or from March 27th to April 8th (13 days). From January 6th to March 1st the total rainfall for 36 days amounted to 11·6 millimetres, while for the 28 days from June 19th to July 16th the fall was only 6·1 millimetres.

Wet Periods.

The most persistent wet weather was from November 25th to December 6th, when rain fell every day. Rain also fell on every day except the 26th from August 12th to 31st, and again from May 31st to June 12th except on June 6th.

Rainfall Duration.

There were 63 calendar days on which the duration of rainfall was registered as 0·1 to 1·0 hour, 27 days with 1·1 to 2·0 hours, 65 days with 2·1 to 6·0 hours, 25 days with 6·1 to 12·0 hours, and four days with more than 12 hours. The day with the greatest duration was November 12th, when the duration was 15·6 hours, the amount falling being 16·7 millimetres. Other notable long falls were on Jan. 21st, 12·6 hours, amount 13·8 mm.; July 20th 13·4 hours, amount 16·5 mm.; Oct. 29th, 11·9 hours, amount 16·1 mm.; December 27th, 11·9 hours, amount 19·1 mm., and December 30th, 12·3 hours, amount 13·7 mm.

Continuous Falls.

On January 21st it rained continuously for 12·5 hours, producing 13 mm., and on December 23rd a continuous fall of 8·9 hours produced 13 mm.

Heavy Falls in Short Periods.

Falls of 5 mm. in less than an hour were recorded as follows:—April 30th, 22 mins.; May 14th, 36 mins.; June 1st. 15 mins.; July 17th, 33 mins; July 29th, 24 mins.; August 22nd, 18 mins; September 25th, 21 mins.; September 30th, 15 mins.; and October 6th, 10 mins. Falls of 10 mm. were registered on June 1st in 34 mins., July 10th in 94 mins. and Octber 6th in 95 mins.

Amounts, in millimetres, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

428. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **January, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	1·0	·2	·1	…	…	·9	·1	…	…	…	…	…	…	…	(…)	(·1)	…	…	…	…	…	…	…	…	2·4	3·3
2	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·4	·7	…	…	…	…	…	1·1	1·0
3	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	(␣)	(␣)	(␣)	…	…
4	(␣)	(·1)	(␣)	(␣)	(␣)	(␣)	(␣)	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	0·1	…
5	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
6	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
7	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
8	…	…	…	…	…	…	·1	·2	…	·2	·1	…	…	…	…	…	…	…	…	…	…	·3	·3	·3	1·5	4·0
9	·3	·2	·2	·2	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	0·9	4·0
10	·5	·4	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·6	·8	2·1	3·6	·6	…	·7	9·3	6·3
11	·5	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·5	1·0	0·7
12	…	…	…	…	…	…	…	·1	·1	…	…	…	…	…	·2	…	…	…	…	…	…	…	…	…	0·4	0·7
13	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
14	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
15	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
16	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
17	…	…	…	…	…	…	…	…	…	…	…	…	…	·3	·1	·1	·1	…	…	…	…	…	…	…	0·6	3·2
18	·1	…	…	·1	2·1	·7	…	…	…	·2	1·5	1·3	·3	…	…	…	…	…	…	…	…	…	…	…	6·3	5·2
19	…	…	·6	1·1	·1	·1	·8	·8	·2	…	…	…	…	…	·2	1·5	·6	·2	…	…	…	…	·1	…	6·3	6·6
20	·4	·8	·1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	1·3	1·1
21	…	…	…	…	…	…	…	·5	(…)	(·1)	(…)	·1	1·2	1·2	1·0	1·2	1·0	1·4	1·6	1·2	1·2	1·1	·7	·3	13·8	12·6
22	…	…	…	…	…	…	…	·1	·3	…	…	…	…	…	…	…	…	1·7	·4	1·4	·6	·9	·6	·5	6·5	7·4
23	·4	·7	·5	·3	·2	·6	·1	·1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	2·9	6·1
24	…	…	…	…	…	…	…	…	…	…	…	…	…	·7	·5	1·0	·9	·9	·7	·5	·6	·9	1·0	·7	8·4	10·1
25	·5	·2	·1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	0·8	2·5
26	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
27	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
28	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
29	…	…	…	…	…	…	…	…	…	…	…	·1	…	…	…	…	…	…	…	…	…	…	…	…	0·1	0·1
30	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
31	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·1	0·1	0·1
Sum.	3·7	2·6	1·6	1·7	2·4	2·3	1·1	1·8	0·6	0·3	0·3	1·7	2·5	2·5	2·0	3·9	2·6	5·2	4·2	5·2	**6·0**	3·8	2·7	3·1	63·8	75·0
Total Duration.	hr. **6·3**	hr. 5·4	hr. 3·8	hr. 2·7	hr. 2·0	hr. 3·0	hr. 2·1	hr. 2·2	hr. 0·8	hr. 0·4	hr. 0·4	hr. 1·3	hr. 2·0	hr. 3·1	hr. 3·5	hr. 3·7	hr. 3·1	hr. 4·5	hr. 4·0	hr. 3·4	hr. 4·0	hr. 4·3	hr. 4·2	hr. 4·8	hr. 75·0	

429. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **February, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
2	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
3	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
4	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
5	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
6	…	…	…	…	…	…	·2	…	…	·6	…	…	…	·1	…	…	…	…	…	…	…	…	…	…	0·9	0·7
7	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
8	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
9	…	…	…	…	…	…	…	…	…	·1	·1	·1	…	…	·1	·2	…	…	…	…	…	…	…	…	0·6	1·9
10	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
11	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
12	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·1	…	…	…	…	0·1	0·1
13	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
14	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
15	…	…	…	…	…	…	…	…	…	…	…	…	·1	·1	…	…	·2	·4	…	…	…	…	…	…	0·8	2·1
16	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
17	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
18	…	…	…	…	…	…	…	…	…	…	…	·1	1·0	·4	·1	…	…	…	…	…	…	…	…	…	1·6	**2·4**
19	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
20	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
21	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
22	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
23	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
24	…	…	…	…	…	…	…	…	…	…	…	…	·1	…	…	·5	·4	·5	…	…	…	…	…	…	1·5	1·9
25	…	…	…	…	…	…	·2	…	·3	…	…	…	…	…	…	…	·3	·7	…	…	…	…	…	…	1·5	1·6
26	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
27	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·7	·9	·5	…	**2·1**	2·3
28	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
29	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	·1	1·3	…	…	…	…	…	…	…	1·4	0·4
Sum.	…	…	…	…	…	…	0·4	…	0·3	0·7	0·1	0·2	1·2	0·6	0·2	0·8	**2·2**	1·6	0·1	…	0·7	0·9	0·5	…	10·5	13·4
Total Duration.	hr. …	hr. …	hr. …	hr. …	hr. …	hr. …	hr. 0·3	hr. …	hr. 0·4	hr. 0·4	hr. 0·5	hr. 0·8	hr. 1·6	hr. 1·6	hr. 0·5	hr. 0·9	hr. 1·8	hr. **2·2**	hr. 0·1	hr. …	hr. 0·8	hr. 1·0	hr. 0·5	hr. …	hr. 13·4	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

430. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **March, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	0·1	0·1
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·9	·3	...	...	...	...	...	1·2	1·0
3	·5	·6	·6	·6	·6	...	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	3·7	5·8
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(␣)	(␣)	(␣)	...	...
5	(␣)	(␣)	(·1)	(␣)	(␣)	(␣)	(␣)	(␣)	(␣)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	0·2	0·1
6	·4	2·3	...	·1	1·7	...	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**5·0**	3·2
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	(␣)	(␣)	(·1)	(␣)	(␣)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	·1	·1	·1	·1	...	...	·7	·9	1·1	·5	·6	·1	...	...	...	...	·3	...	...	...	...	·1	...	...	4·7	**5·9**
24	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·1
25	...	...	...	...	...	...	...	·1	·2	1·1	·6	·3	...	·2	·1	...	...	...	...	...	...	...	...	...	2·6	2·7
26	...	...	·6	3·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·7	1·3
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	1·0	3·0	1·4	**4·0**	2·3	...	1·3	1·3	1·3	1·6	1·4	0·4	...	0·2	0·1	...	0·3	0·9	0·3	0·1	...	0·1	0·4	0·1	21·5	20·2
Total Duration.	hr. 1·4	hr. 2·3	hr. 1·7	hr. **2·3**	hr. 1·7	hr. ...	hr. 1·5	hr. 1·9	hr. 1·6	hr. 1·2	hr. 1·4	hr. 0·7	hr. ...	hr. 0·4	hr. 0·2	hr. ...	hr. 0·3	hr. 0·4	hr. 0·6	hr. 0·1	hr. ...	hr. 0·1	hr. 0·3	hr. 0·1	hr. 20·2	

431. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **April, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	·2	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·4
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	(...)	(...)	(...)	(·1)	(...)	(...)	...	...	...	...	...	...	...	...	...	0·1	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	·8	1·6	·6	...	...	...	...	...	...	...	...	...	·1	1·3	1·0	...	...	...	...	...	...	5·4	3·4
10	...	...	...	...	...	...	...	...	·1	·2	3·2	·9	...	...	...	·1	...	·2	·2	·2	1·8	4·0	·9	...	11·8	6·3
11	...	...	...	...	·2	...	...	...	...	...	·3	·9	...	·1	·3	·1	...	...	...	...	...	...	...	...	1·9	2·3
12	...	·7	2·6	1·1	·1	·2	·9	...	...	·1	·4	1·1	·2	1·4	·1	·1	·2	·8	·4	·1	...	...	...	...	10·5	6·7
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·6	·4	·2	·4	·6	·9	3·6	6·1
14	·9	·9	·6	·4	...	...	...	·1	·1	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	3·4	4·1
15	...	...	·3	·8	·8	·4	·4	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·0	4·7
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	0·2	0·2
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	·1	...	...	...	...	...	...	·2	·7	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	1·7
26	...	...	...	...	...	...	...	...	·2	·4	1·1	3·8	4·3	·2	...	·1	...	·1	...	...	·7	1·0	...	·1	12·0	5·3
27	...	...	...	...	...	...	...	...	...	...	·1	·9	2·5	1·2	·7	·2	...	·2	·2	...	...	·1	...	...	6·1	5·4
28	...	...	...	...	·2	·5	2·0	·4	...	...	...	...	...	·4	·1	...	...	·1	1·0	2·2	·4	1·1	·1	...	5·3	4·8
29	...	...	...	·3	·1	...	...	...	...	...	...	...	...	...	...	...	·1	1·0	2·2	·4	1·1	·1	...	...	**17·9**	**7·9**
30	...	...	...	...	...	...	...	...	·3	·7	·5	·2	·9	2·2	8·5	1·0	·1	·5	1·3	1·1	·5	·1	...	...		
Sum.	0·9	1·7	3·5	3·6	3·0	1·8	3·3	0·8	0·9	2·4	5·8	7·8	8·0	5·5	**9·7**	1·7	1·7	4·3	4·9	2·2	4·3	5·9	1·5	1·0	86·2	91·8
Total Duration.	hr. 1·0	hr. 1·3	hr. 2·5	hr. 3·4	hr. 2·7	hr. 2·3	hr. 2·9	hr. 0·9	hr. 1·7	hr. 3·1	hr. 3·7	hr. 4·2	hr. 2·7	hr. 3·2	hr. 2·7	hr. 1·7	hr. 0·9	hr. **4·3**	hr. 3·4	hr. 3·2	hr. 3·6	hr. 3·3	hr. 2·0	hr. 1·1	hr. 61·8	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

432. Richmond (Kew Observatory) H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L. + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **May, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	·7	·5	...	...	...	...	2·6	...	...	...	...	...	...	...	...	...	...	...	...	3·8	1·5
2	...	...	...	...	...	...	·4	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·4
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·2	·3	...	...	...	1·0	·2	·5	...	2·6	2·4
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·7	·1	...	...	·3	...	...	...	...	...	1·1	0·7
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·9	·4	...	...	...	...	...	...	1·3	0·5
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·6	·4	·7	·5	1·0	·9	1·4	1·0	·7	·6	**8·0**	**10·4**
11	·1	·1	·2	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	1·3	·7	·7	·3	4·2	4·7
12	·3	·1	...	...	·5	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	·1	1·3	2·6
13	·1	·3	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·6
14	...	...	5·0	·7	·2	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	6·2	1·1
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	·3	...	...	...	...	...	...	1·8	(1·2)
19	·3	·2	·1	3·0	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·9	1·5
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	...	...	...	·1	...	...	...	...	...	0·5	0·3
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	·1	...	...	0·4	0·8
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·2	...	·1	2·0	·6	...	...	3·1	3·4
24	...	...	...	...	...	...	...	...	4·5	·1	·5	·1	·3	·5	...	·1	...	...	...	...	...	...	...	...	6·1	2·6
25	...	...	...	...	...	...	...	...	·2	...	...	1·2	...	...	·3	·5	...	...	...	...	...	...	...	...	2·2	0·8
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	3·0	1·5	·5	...	6·5	3·1
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	3·4	1·1	·1	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	...	·8	·8	·3	...	·7	7·4	4·7
Sum.	0·8	4·2	6·4	4·1	1·1	0·8	1·1	0·1	4·7	0·1	0·7	3·9	0·4	0·6	2·4	1·3	3·5	1·4	1·4	4·0	**9·6**	4·6	2·4	1·8	61·4	43·3
Total Duration.	hr. 1·2	hr. 1·8	hr. 2·3	hr. 1·2	hr. 1·0	hr. 1·1	hr. 1·1	hr. 0·1	hr. 1·0	hr. 0·2	hr. 0·6	hr. 0·6	hr. 0·8	hr. 0·7	hr. 2·0	hr. 1·8	hr. 2·6	hr. 2·4	hr. 1·3	hr. 3·0	hr. **5·8**	hr. 5·0	hr. 3·3	hr. 2·4	hr. 43·3	

433. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **June, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	13·1	5·1	1·9	...	...	...	...	...	...	...	...	...	...	...	1·8	·4	...	...	...	...	...	...	1·0	1·1	·5	**24·9**	6·7
2	·4	...	...	...	...	...	...	1·0	...	...	...	1·1	·5	...	...	...	...	1·0	·8	...	...	...	...	...	4·8	3·8
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	0·1	0·1
4	...	...	...	...	...	...	...	...	...	...	...	·2	·7	1·0	·4	1·4	1·3	1·7	1·9	1·5	2·0	2·3	·9	·1	15·4	**11·3**
5	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	3·8	3·2	1·9	10·1	3·1
8	...	·5	...	...	·2	·2	...	...	...	...	...	...	...	...	...	...	...	·9	·3	...	...	...	...	1·4	1·4	0·6
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·1	1·9
10	1·5	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	...	...	...	...	...	...	...	·1	1·9	1·6
11	...	...	...	...	...	...	...	5·3	2·1	2·0	3·5	·6	·2	·1	·3	...	...	...	...	...	...	...	·1	...	14·2	4·6
12	...	...	...	...	...	1·3	·5	...	...	...	...	...	...	·1	...	...	·8	·1	...	...	1·9	·3	...	...	5·0	2·3
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·7	...	1·7	0·2
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·8	2·0	5·8	1·9
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	**15·1**	5·6	1·9	...	0·2	1·5	0·5	6·3	2·1	2·0	3·5	1·9	1·4	1·2	2·8	1·8	2·1	3·7	3·0	1·5	5·1	7·5	10·8	6·0	87·5	38·3
Total Duration.	hr. 2·9	hr. 1·3	hr. 0·9	hr. ...	hr. 0·4	hr. 0·6	hr. 0·1	hr. 1·5	hr. 1·0	hr. 0·5	hr. 0·8	hr. 1·5	hr. 2·2	hr. 1·2	hr. 1·7	hr. 1·5	hr. 1·6	hr. 1·9	hr. 1·9	hr. 1·0	hr. 2·4	hr. 3·3	hr. **4·3**	hr. 3·8	hr. 38·3	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minutes between the exact hours, Greenwich Mean Time.

434. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) − H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **July, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	·1	·4	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	1·8
3	...	...	...	...	...	...	·1	...	·1	...	...	...	...	·8	1·2	·6	...	...	...	...	...	...	...	...	2·8	2·4
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	·2	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·4
7	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·1
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	·2	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·3
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	...	...	...	...	...	...	...	...	...	...	0·8	0·4
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	4·8	5·0	3·9	4·4	4·7	3·0	·8	**26·9**	6·9
18	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
19	...	...	...	...	...	...	...	...	...	...	...	·8	...	...	...	...	...	...	...	...	...	...	...	...	0·8	0·5
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	·1	·4	·8	2·7	4·7	·1	4·0	·7	·9	2·3	...	...	...	...	...	...	...	...	...	...	...	16·7	6·0
22	...	...	...	...	·2	·1	·2	...	...	...	...	...	...	2·2	·3	...	...	...	...	...	...	...	...	...	3·0	1·1
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	0·2
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	·6	·1	·4	·5	·1	·4	·3	·7	3·7	6·9
26	1·3	1·4	2·0	1·0	·4	...	...	...	...	...	...	...	...	...	·3	·1	...	...	...	...	...	...	...	...	6·5	4·8
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·5	·3	0·9	2·2
28	1·1	·8	·7	·6	·9	·1	...	1·0	2·1	·9	1·9	1·9	2·3	1·4	·2	·1	...	·4	·1	...	...	...	...	...	16·5	**13·4**
29	...	...	...	...	...	...	...	...	...	...	1·0	5·7	...	4·6	·4	1·1	·5	...	...	...	...	...	...	...	**13·3**	3·0
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	...	...	0·2	0·3
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sum.	2·5	2·4	3·7	2·1	3·2	1·0	3·0	5·8	2·3	4·9	3·7	9·3	4·6	**9·8**	2·4	2·5	1·6	5·3	5·5	4·4	4·5	5·2	3·8	1·8	95·3	50·9
Total Duration.	hr. 2·2	hr. 2·2	hr. 2·5	hr. 2·8	hr. **3·1**	hr. 1·4	hr. 1·8	hr. 1·6	hr. 1·2	hr. 2·0	hr. 2·5	hr. 2·6	hr. 1·7	hr. 2·3	hr. 2·1	hr. 2·0	hr. 1·8	hr. 1·5	hr. 2·5	hr. 1·9	hr. 1·7	hr. 2·2	hr. 2·7	hr. 2·6	hr. 50·9	

435. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **August, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	m.m	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·2	...	...	...	0·3	0·3
2	...	...	·2	·1	...	·5	·4	...	...	...	·6	...	·6	·4	·3	...	·3	...	...	...	...	...	...	...	3·4	3·7
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	·5	1·8	·2	...	...	·7	1·1	·1	...	6·0	4·5
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	1·6	·2	...	·3	2·4	3·2
7	·3	·1	...	·6	·1	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	3·1
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·5
13	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	0·1	0·1
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	...	...	0·2	0·6
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·3	1·6	...	...	...	...	...	...	...	3·9	0·6
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	...	...	...	...	...	0·3	0·2
17	...	...	...	...	...	...	...	·5	1·1	...	...	...	...	...	...	...	·4	·4	...	...	...	·5	...	...	2·9	2·6
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·4	·1	3·9	·9	...	...	...	...	...	...	6·3	1·7
19	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	·5	...	...	...	...	...	...	...	...	...	1·5	0·3
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	·2	·3	...	...	...	...	0·7	0·6
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·8	...	...	...	...	...	...	...	...	0·8	0·2
22	...	...	...	...	...	...	...	...	...	...	...	...	6·3	·2	·1	...	...	...	1·5	·5	·2	...	...	...	8·8	3·2
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·2	...	...	...	...	...	...	...	...	0·7	0·3
24	...	...	...	...	...	...	·1	...	4·3	...	·1	·1	...	...	...	...	1·7	·1	...	...	...	...	...	...	6·4	2·3
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	...	...	...	0·2	0·3
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	0·1	0·1
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	1·4
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·3	·3	0·7	**5·5**
29	·5	·7	·1	...	...	...	·9	1·4	·2	...	...	...	...	·8	...	·1	...	...	·4	...	...	·2	1·0	...	5·4	3·8
30	...	...	...	1·5	2·4	1·3	...	...	...	...	...	1·1	·8	...	...	·1	...	...	...	...	1·7	·1	...	...	**9·0**	1·8
31	·9	...	·3	·2	...	...	...	...	...	...	...	...	...	...	·4	·1	...	...	...	...	...	...	...	...	1·9	1·8
Sum.	1·7	0·8	0·6	2·4	2·5	2·1	1·6	1·9	5·6	...	0·7	2·2	7·7	0·7	4·8	4·1	**9·9**	1·8	2·4	1·3	4·5	2·3	1·4	0·6	63·6	40·9
Total Duration.	hr. 1·9	hr. 1·2	hr. 1·0	hr. 1·8	hr. 1·2	hr. 2·0	hr. 2·5	hr. 1·1	hr. 2·3	...	hr. 0·4	hr. 0·4	hr. 1·3	hr. 1·1	hr. 2·9	hr. 1·7	hr. 2·6	hr. 1·9	hr. 1·8	hr. 1·4	hr. **3·7**	hr. 3·4	hr. 1·6	hr. 1·7	hr. 40·9	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minutes, between the exact hours, Greenwich Mean Time.

436. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.) = H (height of station above M.S.L.) + h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **September, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration. 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	·3	·2	...	...	...	...	·1	...	...	...	·2	1·2	...	...	...	...	...	...	...	...	2·0	1·5
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·6	·2	...	...	...	0·8	0·7
7	...	...	...	·2	...	...	...	...	...	·5	·5	...	...	...	...	...	·2	·1	...	1·6	·2	...	...	...	3·3	3·4
8	·3	2·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·4	1·1
9	...	...	...	...	1·0	...	...	...	...	...	·7	·7	...	·4	...	...	·7	·6	...	...	...	...	...	...	4·1	2·3
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·1	...	...	...	...	...	...	...	...	...	0·5	0·5
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	·1	·1	·1	·2	0·6	0·9
13	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	·3	0·4	0·6
14	1·5	1·5	1·9	2·0	1·7	1·1	·3	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·1	7·3
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	...	·7	1·0	1·3
16	·2	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·1	·3	·8	·5	2·1	4·0
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	...	...	...	0·5	0·3
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·1	·2	·2	·1	...	...	1·1	(1·5)
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·3	1·2	1·7	2·0
22	...	...	...	...	·3	·6	·4	...	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	1·4	1·9
23	...	...	...	...	...	2·5	·4	·1	1·8	·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·5	3·2
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	1·1	·5	·5	...	...	·2	...	·2	7·0	1·2	·4	·7	...	1·3	13·1	6·1
26	·6	·3	...	...	·9	...	...	·8	...	...	...	·1	1·0	·7	·1	·5	·2	...	...	·2	·4	...	...	...	5·8	5·4
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	·1	...	...	...	·6	4·7	·6	...	...	...	...	...	·1	·3	...	...	1·6	6·5	1·3	·4	·3	·9	·4	·8	**18·6**	**9·4**
Sum.	2·8	4·0	1·9	2·2	4·8	**9·1**	1·7	1·0	1·8	1·2	2·4	1·4	1·6	1·9	0·4	2·0	2·7	7·8	8·4	4·3	2·4	2·6	1·6	5·0	75·0	53·4
Total Duration.	hr. 2·5	hr. 2·4	hr. 1·0	hr. 1·2	hr. 3·4	hr. 3·7	hr. 2·4	hr. 1·0	hr. 1·0	hr. 1·0	hr. 1·8	hr. 1·2	hr. 1·7	hr. 1·7	hr. 0·9	hr. 1·6	hr. 2·0	hr. 2·5	hr. 2·0	hr. 3·0	hr. 3·5	hr. 3·6	hr. 3·2	hr. **5·1**	hr. 53·4	

437. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **October, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·2
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	4·7	·8	...	...	...	...	...	...	...	...	·1	·9	·9	...	...	...	7·4	2·8
6	1·5	...	...	...	...	...	...	...	...	...	...	...	·2	...	...	·3	·2	...	...	·1	·4	·7	3·2	7·0	13·6	5·4
7	·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	3·4	·9	·2	·1	·3	6·1	4·1
8	...	...	·4	·2	1·1	·1	·5	·1	...	...	...	·2	1·6	·1	...	...	...	...	...	...	...	...	...	·2	4·5	4·0
9	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·5
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	2·0	·1	·2	·2	·6	·6	...	...	...	...	...	...	...	...	3·7	3·8
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	·1	·2	·4	·4	·2	·1	·4	·9	·6	·1	...	...	...	...	...	·1	...	...	·4	...	...	...	3·9	8·0
20	...	...	(D)	(D)	(·1)	(D)	(D)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
21	...	...	...	...	...	...	·3	1·0	·9	·9	·7	·1	·2	·1	·1	2·6	3·9	2·6	1·8	·2	...	...	·6	·1	**16·1**	**11·9**
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	·1	·2	·7	·3	·2	...	...	...	...	·3	1·1	·6	·5	·3	·3	...	...	...	4·6	8·5
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·5	·7	·6	...	...	...	...	...	...	...	1·8	2·0
28	...	...	·8	·4	...	...	...	...	...	...	...	...	...	·1	·4	...	...	...	...	...	...	...	...	...	1·7	1·2
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·7	1·2
30	...	...	...	...	...	...	...	...	...	...	4·9	·8	...	3·2	...	...	...	...	1·0	2·1	1·5	1·0	2·5	4·2	12·8	6·1
31	...	...	...	·2	·7	·9	2·8	·4	...	...	...	...	...	...	...	...	...	...	·2	·4	·2	·3	·4	·1	6·6	7·9
Sum.	2·8	...	1·3	1·0	2·3	1·4	3·9	1·8	6·7	2·9	8·4	1·3	2·2	3·7	1·6	4·5	5·8	4·3	5·1	6·8	4·1	3·7	**8·5**	8·2	92·3	68·7
Total Duration.	hr. 2·4	hr. —	hr. 1·1	hr. 2·0	hr. 2·5	hr. 1·8	hr. 3·0	hr. 2·7	hr. 4·0	hr. 3·4	hr. 4·4	hr. 3·1	hr. 2·7	hr. 1·5	hr. 1·9	hr. 2·6	hr. 2·9	hr. 2·9	hr. 4·3	hr. **5·4**	hr. 5·1	hr. 3·0	hr. 3·8	hr. 2·2	hr. 68·7	
G.T.M.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

Amounts, in millimetres, for periods of sixty minute, between the exact hours, Greenwich Mean Time.

438. Richmond (Kew Observatory) : H_r (height of receiving surface above M.S.L.)=H (height of station above M.S.L.)+h_r (height of receiving surface above ground) = 5·5 metres + 0·53 metres. **November, 1924.**

Day.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	Duration, 0–24
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	...	...	...	...	...	...	...	...	...	...	...	...	2·0	2·2	1·7	·7	1·0	1·3	·2	...	·7	·1	...	...	9·9	7·6
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·3	·5	3·2	·9	...	·5	5·4	4·2
12	·5	·5	2·8	·3	1·6	2·4	1·2	·1	1·4	·3	·1	...	·5	1·1	1·3	·6	·5	...	·4	·1	·2	·4	·2	·2	16·7	15·6
13	·4	·1	...	...	...	·3	...	·8	·8	·8	·1	·2	·2	·1	...	...	...	...	...	...	...	...	...	...	3·8	6·0
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·1	·3	...	...	0·6	1·1
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	0·1	0·8
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	·4	·6	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·7	1·5	...	...	3·5	3·7
26	·9	...	...	...	...	...	...	...	·1	...	...	...	...	...	...	·7	...	·4	1·4	·4	...	·3	...	·2	4·4	2·8
27	...	...	·8	1·3	1·0	·7	·8	·3	...	...	·5	1·9	...	...	...	...	...	...	...	...	...	...	...	...	7·3	5·8
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·1	·5	·2	0·8	1·7
29	·6	·2	·2	...	...	·5	·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	2·6
30	...	...	...	...	...	...	...	·1	·1	...	·1	...	...	·6	...	...	·8	1·4	...	...	·1	·1	...	...	3·3	2·2
Sum.	2·4	1·2	4·4	1·8	2·8	3·9	2·4	1·3	2·4	1·1	0·8	2·1	2·7	4·0	3·0	2·0	2·3	3·1	2·3	1·4	5·0	3·7	0·7	1·1	57·9	54·3
Total Duration.	hr. 2·7	hr. 2·4	hr. 2·9	hr. 2·3	hr. 2·2	hr. 2·2	hr. 2·3	hr. 1·5	hr. 2·0	hr. 1·5	hr. 0·9	hr. 1·8	hr. 2·1	hr. 2·8	hr. 2·0	hr. 2·2	hr. 2·1	hr. 1·9	hr. 2·7	hr. 2·9	hr. 3·0	hr. **3·4**	hr. 2·0	hr. 2·5	hr. 54·3	

439. Richmond (Kew Observatory) : H_r = 5·5 metres + 0·53 metres. **December, 1924.**

	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	hr.
1	·4	...	...	...	...	·2	...	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	...	0·7	0·5
2	...	...	...	...	...	...	...	·3	·1	...	1·9	1·6	...	...	...	·1	...	...	...	...	...	...	...	...	4·0	2·9
3	...	·1	...	...	·1	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·7
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·4	·8	·6	·7	·1	...	...	·1	·2	2·9	3·6
5	·3	·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	0·7
6	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	0·4
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	(·1)	(P)	(P)	(P)	(P)	(P)	(P)	...	...	...	...	...	...	...	...	...	...	(P)	(P)	P	(P)	(P)	(P)	(P)	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(≡)	(≡)	(≡)	(≡)	...	...
10	(≡)	(·1)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(·1)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(·1)	(≡)	(≡)	(≡)	(≡)	0·3	...
11	(≡)	(≡)	(≡)	(·1)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(·1)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	0·2	...
12	(·1)	(≡)	(≡)	(≡)	(≡)	(≡)	(≡)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·2	·3	1·1	·4	2·0	2·8
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	·5	...	·1	1·6	·8	...	·1	·4	·1	...	·2	·2	·1	...	4·1	4·4
16	...	...	·1	·5	...	...	...	·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	0·8
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	(P)	(P)	(·1)	(P)	(P)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	·1	·4	·4	1·6	2·0	1·2	1·6	2·4	1·4	1·1	·8	...	...	...	13·0	9·8
24	...	...	...	...	1·2	...	...	...	...	·1	...	...	...	...	...	...	...	...	...	...	...	·3	1·4	1·4	4·4	2·5
25	...	...	...	...	...	...	...	...	...	1·5	·2	...	...	·9	...	...	...	...	...	...	...	...	...	...	2·0	0·9
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	·2	1·8	1·9	·3	1·9	·9	·2	·4	·4	·2	·8	·2	2·2	3·7	3·4	·6	...	...	...	**19·1**	11·9
28	...	...	...	·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	0·5
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	·3	·3	·2	·8	·5	·5	·5	·6	·2	·2	1·5	3·7	·7	3·5	·2	...	...	...	...	...	...	13·7	**12·3**
31	...	...	...	...	...	...	...	...	·1	1·1	...	...	...	·9	...	...	...	...	...	...	...	...	...	...	2·1	0·9
Sum.	0·9	0·4	0·1	1·9	1·6	0·8	2·7	3·0	1·0	5·1	4·2	2·6	1·2	**6·9**	6·7	3·2	6·2	5·8	5·9	4·7	1·8	0·8	2·7	2·0	72·2	55·6
Total Duration.	hr. 0·5	hr. 0·8	hr. 0·3	hr. 1·7	hr. 1·9	hr. 1·3	hr. 2·0	hr. 2·4	hr. 2·4	hr. 2·9	hr. **4·3**	hr. 2·7	hr. 2·9	hr. 3·7	hr. 3·2	hr. 2·9	hr. 3·2	hr. **4·3**	hr. 3·0	hr. 2·1	hr. 1·8	hr. 1·5	hr. 2·2	hr. 1·6	hr. 55·6	
G.M.T.	0–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–24	0–24	—

For periods of sixty minutes, between the exact hours of Local Apparent Time.

440. Richmond (Kew Observatory) : h_s (Height of recorder above ground) = 13·3 metres. **January, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon, Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
2	—	—	—	—	—	...	...	...	...	...	·3	...	...	—	—	—	—	—	0·3	4	...	...	...
3	—	—	—	—	—	...	...	·9	·8	·5	·9	1·0	·2	—	—	—	—	—	4·3	54	Haze	36·4	10
4	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
5	—	—	—	—	—	...	·3	·9	1·0	1·0	1·0	·9	...	—	—	—	—	—	5·1	65	Mist	31·6	9
6	—	—	—	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	·4	—	—	—	—	—	5·8	**73**	...	...	...
7	—	—	—	—	—	...	...	·1	1·0	1·0	·7	·4	...	—	—	—	—	—	3·2	40	Mist	29·0	8
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
9	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
10	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
11	—	—	—	—	—	...	·6	·6	1·0	1·0	1·0	·1	...	—	—	—	—	—	4·3	53	Clear	65·6	19
12	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
13	—	—	—	—	...	...	...	...	...	·6	1·0	·2	...	...	—	—	—	—	1·8	22	...	...	...
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
15	—	—	—	—	...	·2	·9	·8	·4	·4	·1	·5	...	...	—	—	—	—	3·3	40	Haze	37·4	11
16	—	—	—	—	...	...	...	...	·1	...	...	...	...	...	—	—	—	—	0·1	1	...	...	...
17	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
18	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
19	—	—	—	—	...	...	...	·7	1·0	1·0	·7	...	...	...	—	—	—	—	3·4	40	Clear	67·1	21
20	—	—	—	—	...	...	·6	·7	·8	·4	1·0	·9	·5	...	—	—	—	—	4·9	58	...	...	...
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
22	—	—	—	—	...	...	...	·1	...	...	...	...	...	...	—	—	—	—	0·1	1	...	...	...
23	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
24	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
25	—	—	—	—	...	...	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	—	—	—	—	**6·3**	72	Clear	53·7	18
26	—	—	—	—	...	...	...	...	...	...	·1	...	...	...	—	—	—	—	0·1	1	...	...	...
27	—	—	—	—	...	·5	1·0	1·0	1·0	1·0	1·0	·5	·1	...	—	—	—	—	6·1	69	...	...	...
28	—	—	—	—	...	·4	1·0	1·0	1·0	·7	·4	·5	...	...	—	—	—	—	5·0	56	Fr. Cu.	58·7	20
29	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
30	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
31	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
Sum.	—	—	—	—	...	1·1	5·8	8·8	10·1	9·6	**10·2**	7·0	1·5	...	—	—	—	—	54·1	—	—	—	—
Mean	—	—	—	—	...	0·04	0·19	0·28	0·33	0·31	**0·33**	0·23	0·05	...	—	—	—	—	1·75	21	—	—	—

441. Richmond (Kew Observatory) : h_s = 13·3 metres. **February, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	·9	...	—	—	—	—	**7·7**	**85**	Clear	66·0	24
2	—	—	—	—	...	·2	·2	...	·9	·6	·3	...	...	...	—	—	—	—	2·2	24	Clear	59·4	22
3	—	—	—	—	...	·7	1·0	1·0	·8	·7	·4	·9	·5	...	—	—	—	—	6·0	65	...	...	...
4	—	—	—	—	...	·2	·2	·1	...	...	...	...	...	...	—	—	—	—	0·5	5	...	...	...
5	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
6	—	—	—	—	...	...	...	...	...	...	·5	·4	...	...	—	—	—	—	0·9	10	...	...	...
7	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
8	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
9	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
10	—	—	—	—	...	...	...	...	...	...	·3	...	...	...	—	—	—	—	0·3	3	...	...	...
11	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
12	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
14	—	—	—	—	...	...	...	·4	...	...	·1	...	...	...	—	—	—	—	0·5	5	...	...	...
15	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
16	—	—	—	—	...	·2	·7	·6	·5	·5	·8	·2	...	...	—	—	—	—	3·5	35	...	...	...
17	—	—	—	—	...	...	·8	·6	...	...	...	...	...	...	—	—	—	—	1·4	14	...	...	...
18	—	—	—	—	...	·4	...	...	...	...	...	...	...	...	—	—	—	—	0·4	4	...	...	...
19	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
20	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
21	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
22	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	...	...
23	—	—	—	...	...	...	...	·1	·3	·8	·1	...	...	...	...	—	—	—	1·3	13	Clear	57·3	27
24	—	—	—	...	...	...	...	...	...	...	·4	...	...	...	...	—	—	—	0·4	4	...	...	...
25	—	—	—	...	...	...	...	...	...	...	·2	...	...	...	...	—	—	—	0·2	2	...	...	...
26	—	—	—	...	·2	·2	·8	·4	·2	·2	·1	...	·1	...	...	—	—	—	2·2	21	...	...	...
27	—	—	—	...	...	·4	·1	·3	1·0	·6	·9	·3	...	...	...	—	—	—	3·6	34	Clear	54·6	27
28	—	—	—	...	...	·2	1·0	1·0	1·0	·8	·8	·3	·3	·4	...	—	—	—	5·8	54	Clear	71·0	36
29	—	—	—	...	...	...	...	·1	·4	·1	...	...	...	...	...	—	—	—	0·6	6	...	...	...
Sum.	—	—	—	...	0·2	3·3	5·8	5·6	**6·1**	5·3	5·9	3·1	1·8	0·4	...	—	—	—	37·5	—	—	—	—
Mean	—	—	—	...	0·01	0·11	0·20	0·19	**0·21**	0·18	0·20	0·11	0·06	0·01	...	—	—	—	1·29	13	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon, Ångström Pyrheliometer. Sky.	Total.	Vertical.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

442. Richmond (Kew Observatory) : h_s (Height of recorder above ground) = 13·3 metres. **March, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon, Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	...	·4	1·0	1·0	·8	1·0	1·0	1·0	·8	...	...	...	—	—	—	7·0	65	...	...	...
2	—	—	—	...	...	·2	·8	·9	1·0	·6	...	...	...	...	...	—	—	—	3·5	32	...	...	...
3	—	—	—	...	...	·5	·9	1·0	·8	1·0	1·0	·9	...	...	...	—	—	—	6·1	56	...	...	...
4	—	—	—	...	...	...	·8	1·0	1·0	1·0	1·0	·8	·1	...	...	—	—	—	6·7	61	...	...	...
5	—	—	—	...	...	·4	1·0	1·0	·9	·8	·9	1·0	1·0	·6	...	—	—	—	7·6	68	...	...	...
6	—	—	—	...	...	...	...	·5	...	...	...	·3	...	...	...	—	—	—	0·8	7	...	...	...
7	—	—	—	...	...	...	...	·9	1·0	1·0	1·0	1·0	·9	·3	...	—	—	—	6·1	54	...	...	...
8	—	—	—	...	...	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	·7	...	—	—	—	7·2	64	...	...	...
9	—	—	—	...	·9	1·0	1·0	1·0	1·0	1·0	·9	·9	1·0	1·0	·1	—	—	—	**9·8**	**87**	...	...	...
10	—	—	—	...	...	·3	1·0	1·0	1·0	1·0	1·0	1·0	·8	·2	...	—	—	—	7·3	64	...	...	...
11	—	—	—	...	...	...	...	·9	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	6·7	58	...	...	...
12	—	—	—	...	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	...	—	—	—	7·8	68	...	...	...
13	—	—	—	...	·5	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	...	—	—	—	9·0	78	Haze	48·3	28
14	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	—	—	—	9·2	79	Haze	34·8	20
15	—	—	—	...	...	...	...	·7	·8	·9	1·0	1·0	·7	·2	...	—	—	—	5·3	45	Ci.	34·2	20
16	—	—	—	...	...	·3	1·0	1·0	1·0	·6	·4	·2	...	...	...	—	—	—	4·5	38	...	...	...
17	—	—	—	...	...	·9	1·0	·9	·9	·7	·9	·9	·8	·1	...	—	—	—	7·1	60	...	...	...
18	—	—	—	...	·8	1·0	1·0	1·0	1·0	1·0	·6	·4	1·0	·3	...	—	—	—	8·1	67	Clear.	54·8	33
19	—	—	—	...	·3	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	—	—	—	9·5	79	Haze.	71·5	44
20	—	—	—	...	...	·7	1·0	1·0	1·0	1·0	1·0	·6	...	...	...	—	—	—	6·3	52	Haze	43·2	27
21	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
22	—	—	...	...	...	...	...	...	...	·5	·9	·6	·6	·7	...	...	—	—	3·3	27	...	...	...
23	—	—	...	...	...	...	...	...	...	·3	·1	·6	...	...	...	...	—	—	1·0	8	...	...	...
24	—	—	...	...	...	...	...	...	...	...	·1	·5	·6	·2	...	...	—	—	1·4	11	...	...	...
25	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
26	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
27	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
28	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
29	—	—	...	·7	1·0	·7	·2	·1	...	·5	·3	·9	·6	·4	...	...	—	—	5·4	43	...	...	...
30	—	—	...	·9	1·0	1·0	·6	·6	·7	...	...	·2	·6	·8	·3	...	—	—	6·7	53	...	...	...
31	—	—	...	...	...	...	...	...	...	...	...	·2	·6	...	...	...	—	—	0·8	6	...	...	...
Sum.	—	—	...	1·6	5·7	11·6	15·8	**19·3**	19·1	18·9	18·1	19·0	16·0	8·5	0·6	...	—	—	154·2	—	—	—	—
Mean	—	—	...	0·05	0·18	0·37	0·51	**0·62**	0·62	0·61	0·58	0·61	0·52	0·27	0·02	...	—	—	4·97	42	—	—	—

443. Richmond (Kew Observatory) : h_s = 13·3 metres. **April, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	...	...	...	...	·1	...	...	·1	·6	·4	·5	·4	...	...	—	—	2·1	16	...	...	...
2	—	—	...	·6	1·0	·9	·6	...	...	·1	·2	·4	·1	...	...	...	—	—	3·9	30	...	...	...
3	—	—	...	·7	·2	...	·4	...	·2	·3	·8	·6	·2	...	...	...	—	—	3·4	26	...	...	...
4	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
5	—	—	...	...	...	·2	·5	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	...	—	—	7·5	57	Haze	46·4	33
6	—	—	...	...	...	·5	·7	·8	·1	·4	1·0	·6	·6	·1	...	...	—	—	4·8	36	...	...	...
7	—	—	...	...	·6	1·0	1·0	1·0	1·0	1·0	·9	·8	·1	...	...	...	—	—	7·4	56	Haze	50·3	36
8	—	—	...	...	·1	·6	·2	·7	·1	...	...	...	·2	·2	...	...	—	—	2·1	16	...	...	...
9	—	—	...	...	·4	...	·6	·3	·7	·5	·5	...	·5	·1	·1	...	—	—	3·7	28	...	...	...
10	—	—	...	...	...	...	...	...	...	...	...	·1	...	...	...	...	—	—	0·1	1	...	...	...
11	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...
12	—	—	...	...	·2	·1	...	...	·2	·6	·4	·5	·2	·2	...	...	—	—	2·4	18	...	...	...
13	—	—	...	·2	1·0	1·0	·8	·4	·3	·6	·1	·3	...	...	...	...	—	—	4·7	35	...	...	...
14	—	—	...	...	...	...	...	...	...	...	...	1·0	1·0	1·0	·1	...	—	—	3·1	23	...	...	...
15	—	—	...	...	...	...	...	...	·1	·4	·2	·3	1·0	1·0	1·0	·2	—	—	4·2	30	...	...	...
16	—	—	...	...	·8	1·0	·9	·9	1·0	1·0	1·0	1·0	·9	1·0	1·0	·3	—	—	10·8	78	...	...	...
17	—	—	...	·3	·6	·9	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	·8	...	—	—	10·5	76	Clear	59·4	45
18	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	...	—	—	10·6	76	...	...	...
19	—	—	...	...	1·0	1·0	1·0	1·0	1·0	·9	·1	...	·3	·1	·5	...	—	—	6·9	49	...	...	...
20	—	—	...	...	·4	·5	·9	1·0	1·0	1·0	·6	...	...	...	...	...	...	—	5·4	38	...	...	...
21	—	...	·5	·9	1·0	1·0	1·0	1·0	1·0	·8	1·0	1·0	1·0	1·0	·7	...	...	—	**11·9**	**84**	...	...	...
22	—	...	...	...	...	...	·1	...	·8	·5	·1	...	...	...	...	...	...	—	1·5	11	...	...	...
23	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...
24	—	...	...	...	...	·2	·7	·1	...	...	...	...	·1	...	...	...	...	—	1·1	8	...	...	...
25	—	...	...	...	...	...	...	...	·4	·4	·7	·4	·7	·8	·9	·2	...	—	4·5	31	...	...	...
26	—	...	·3	·3	...	...	...	...	...	...	...	...	·3	·3	·2	·2	...	—	1·6	11	...	...	...
27	—	...	·1	·5	1·0	1·0	·1	...	...	...	...		...	...	...	...	...	—	2·7	19	...	...	...
28	—	...	...	...	·6	·7	·4	·2	·1	·1	...	...	...	·5	...	...	...	—	2·6	18	...	...	...
29	—	...	...	...	...	·7	·7	·1	·6	·8	·1	...	...	...	...	...	...	—	3·0	21	...	...	...
30	—	...	·4	...	...	...	...	·1	·1	·2	...	...	...	...	...	...	...	—	0·8	5	...	...	...
Sum.	—	...	1·3	3·9	9·9	12·3	**12·7**	10·6	11·7	12·6	11·3	10·4	10·7	9·5	5·5	0·9	...	—	123·3	—	—	—	—
Mean	—	...	0·04	0·13	0·33	0·41	**0·42**	0·35	0·39	0·42	0·38	0·35	0·36	0·32	0·18	0·03	...	—	4·11	30	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.

DURATION OF BRIGHT SUNSHINE.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

444. Richmond (Kew Observatory) : h_s (Height of recorder above ground) = 13·3 metres. **May, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	...	...	...	...	...	...	...	·1	·2	·2	·3	...	·1	·4	...	...	—	1·3	9	...	...	...
2	—	...	...	...	...	...	...	·7	·5	·5	·8	·9	·8	·7	·6	·1	...	—	5·6	38	...	...	...
3	—	...	...	...	...	...	·1	·3	·4	·7	·8	·5	·1	·3	...	...	...	—	3·2	21	...	...	...
4	—	...	1·0	·8	·4	·7	1·0	·4	·4	·6	·1	·2	·7	·1	·5	·2	...	—	7·1	48	...	...	...
5	—	...	·7	1·0	1·0	1·0	1·0	·8	·7	·8	·9	1·0	·6	1·0	·4	1·0	...	—	**11·9**	**79**	...	...	...
6	—	...	·8	1·0	·9	·6	...	...	...	·4	·5	....	·2	·5	...	...	...	—	4·9	32	...	...	...
7	—	...	·2	·9	·4	·5	·3	·2	·7	1·0	·8	·2	·7	·8	·6	...	...	—	7·3	48	...	...	...
8	—	...	...	·2	...	·2	·3	·8	·6	·9	·8	·6	...	...	...	...	...	—	4·4	29	...	...	...
9	—	...	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·6	·2	·3	...	...	...	...	—	9·1	60	Clear	87·9	73
10	—	...	...	...	...	...	...	·3	·2	...	...	...	...	...	...	...	...	—	0·5	3	...	...	...
11	—	...	...	·1	·5	·9	1·0	·8	·8	·8	·6	1·0	·1	·2	...	...	...	—	6·8	44	...	...	...
12	—	...	...	...	·5	·1	·3	·1	...	...	...	...	...	...	...	...	...	—	1·0	6	...	...	...
13	—	...	...	...	·1	...	...	·1	...	...	...	...	·5	·9	·5	1·0	·1	—	3·2	21	...	...	...
14	—	...	...	·6	1·0	1·0	1·0	1·0	·8	·4	·3	·6	·1	·2	...	...	...	—	7·0	45	...	...	...
15	—	...	...	·6	·3	·9	1·0	1·0	·9	·7	·3	·2	...	...	...	...	...	—	5·9	38	...	...	...
16	—	...	·3	·6	1·0	1·0	1·0	1·0	·9	·9	1·0	·9	·9	·9	·7	·5	...	—	11·6	74	...	...	...
17	—	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·2	·6	...	...	—	11·5	74	Clear	81·6	69
18	—	...	...	...	...	...	·1	...	·8	1·0	·8	...	...	...	...	...	...	—	2·7	17	...	...	...
19	—	...	·7	1·0	·5	...	·4	·8	...	·1	·3	·4	·8	·4	·4	·3	...	—	6·1	39	...	...	...
20	—	...	...	·5	1·0	1·0	·7	...	·3	·2	·5	·7	·6	·2	...	...	...	—	5·7	36	...	...	...
21	—	...	...	1·0	·9	1·0	·9	1·0	·2	·1	...	...	...	...	...	...	...	—	5·1	32	...	...	...
22	—	...	...	...	·3	·6	·2	·4	·8	...	·2	...	...	...	...	...	...	—	2·5	16	...	...	...
23	—	...	·4	·4	·9	·9	·9	1·0	·6	·5	...	...	...	...	...	...	...	—	5·6	35	...	...	...
24	—	...	...	·1	...	...	·4	·6	·5	·2	·3	·3	·5	·5	·4	...	...	—	3·8	24	...	...	...
25	—	...	·1	·8	·7	·1	·2	·6	·5	·8	1·0	·5	·2	·4	·8	·7	·1	—	7·5	47	...	...	...
26	—	...	·9	1·0	1·0	·9	1·0	·9	·6	·6	·5	·9	·4	·1	·4	·1	...	—	9·3	58	...	...	...
27	—	...	·7	1·0	·9	1·0	·9	·2	·2	·9	·4	·4	·6	·8	·8	·9	·1	—	9·8	61	...	...	...
28	...	...	...	...	·6	1·0	1·0	1·0	1·0	·9	·9	1·0	1·0	1·0	1·0	1·0	·3	—	11·7	73	...	...	...
29	...	...	...	·2	1·0	·3	·1	·9	1·0	·6	·8	·2	...	...	...	...	...	...	5·1	32	...	...	...
30	...	...	·7	...	...	·2	·9	1·0	1·0	·7	·7	...	·1	·3	·4	·4	...	...	6·4	40	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	·2	·3	...	...	...	...	...	0·5	3	...	...	...
Sum.	...	...	8·3	13·8	15·9	15·9	16·7	**17·9**	16·5	16·5	15·1	12·2	10·4	9·6	8·5	6·2	0·6	...	184·1	—	—	—	—
Mean	...	...	0·27	0·45	0·51	0·51	0·54	**0·58**	0·53	0·53	0·49	0·39	0·34	0·31	0·27	0·20	0·02	...	5·94	38	—	—	—

445. Richmond (Kew Observatory) : h_s = 13·3 metres. **June, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	...	...	·7	1·0	1·0	1·0	1·0	1·0	·7	·7	·5	·3	...	·1	...	...	...	...	8·0	49	...	...	...
2	...	...	...	...	...	...	...	...	...	...	·5	·5	·9	·3	...	...	...	...	2·2	13	...	...	...
3	...	...	...	...	·5	·5	·9	·9	·9	1·0	·3	...	...	...	...	...	...	...	5·0	31	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	·4	·5	1·0	·1	·1	...	...	·1	·5	...	·7	...	...	3·4	21	...	...	...
6	...	...	...	...	...	·9	·7	...	·2	...	·8	·3	·6	·6	...	...	...	...	4·1	25	...	...	...
7	...	...	...	...	·1	...	·4	·2	·4	...	...	...	...	...	...	...	...	...	1·1	7	...	...	...
8	...	...	...	·4	·9	·6	·5	1·0	·5	·1	·6	·9	·3	·2	·3	·5	·2	...	7·0	43	...	...	...
9	...	...	...	...	·4	·8	·7	·1	...	·3	·3	...	...	·4	·2	...	...	...	3·2	20	...	...	...
10	...	...	...	·1	·1	·8	·8	·6	·8	·5	·1	...	...	...	...	...	...	...	3·8	23	...	...	...
11	...	...	...	...	...	...	...	...	...	....	·8	·7	·4	·3	·4	·6	...	...	3·2	19	...	...	...
12	...	...	...	·1	·5	·3	·7	...	...	·6	·1	·4	·5	...	·1	·4	...	...	3·7	22	...	...	...
13	...	...	...	...	...	·1	...	...	...	...	...	...	·3	·8	·6	·6	...	...	2·4	15	...	...	...
14	...	...	...	...	...	...	...	·3	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·3	...	8·2	50	...	...	...
15	...	...	...	...	·4	·9	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	1·0	·3	...	11·5	70	...	...	...
16	...	...	·3	·3	·9	·7	·9	·9	1·0	1·0	1·0	1·0	·9	·1	·5	...	...	...	9·5	58	Haze	74·2	66
17	...	...	...	...	·7	·8	·2	·1	...	·1	·2	·3	1·0	·8	·9	·2	...	...	5·3	32	...	...	...
18	...	...	·1	...	·6	...	...	·1	·5	1·0	1·0	1·0	1·0	·9	1·0	·6	·2	...	8·0	48	...	...	...
19	...	...	·5	·1	·9	·9	·9	·8	·9	1·0	1·0	1·0	1·0	·9	·9	1·0	·7	...	12·5	75	...	...	...
20	...	...	...	...	...	...	...	·6	·2	·3	·2	·4	·4	·1	...	·1	·4	...	2·7	16	...	...	...
21	...	·7	1·0	1·0	1·0	1·0	·9	1·0	·6	·9	1·0	1·0	·9	...	·4	...	...	...	11·4	69	...	...	...
22	...	...	...	·6	·9	1·0	1·0	1·0	1·0	·9	1·0	·8	·9	·9	1·0	·9	·1	...	12·0	72	...	...	...
23	...	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	·8	·4	·7	·1	...	...	11·5	69	Clear	61·1	54
24	...	·2	·9	1·0	·9	·9	1·0	1·0	1·0	·8	·5	·4	·6	1·0	·9	·2	...	...	11·3	68	...	...	...
25	...	...	...	·1	·2	...	·3	1·0	1·0	1·0	·9	·9	·5	·2	·9	·9	·3	...	8·2	49	Clear	52·8	47
26	...	...	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	·9	...	**14·7**	**89**	...	...	...
27	...	...	...	...	1·0	·8	·2	·3	...	...	·9	·9	·4	...	...	...	...	...	4·5	27	...	...	...
28	...	·5	1·0	1·0	1·0	·8	·1	...	...	...	....	...	...	...	...	...	...	...	4·4	27	...	...	...
29	...	...	·3	·7	·5	...	·4	·7	1·0	1·0	·8	1·0	·9	·8	·2	...	...	...	8·3	50	...	...	...
30	...	·3	·6	·8	·3	·7	·3	·1	...	...	·5	·9	·9	1·0	·4	...	...	...	6·8	41	...	...	...
Sum.	...	1·7	6·9	9·2	14·8	15·9	15·4	15·7	14·4	15·2	**16·9**	16·7	16·3	13·3	12·4	9·7	3·4	...	197·9	—	—	—	—
Mean	...	0·06	0·23	0·31	0·49	0·53	0·51	0·52	0·48	0·51	**0·56**	0·56	0·54	0·44	0·41	0·32	0·11	...	6·60	40	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

446. Richmond (Kew Observatory) : h_s (Height of recorder above ground) = 13·3 metres. **July, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	...	·2	1·0	1·0	1·0	1·0	1·0	·9	·7	·8	·9	·9	·9	·7	·5	·7	·1	...	12·3	75	...	...	...
2	...	...	...	...	...	...	·2	·5	·9	·9	·6	·1	...	·3	·6	·1	...	...	4·2	25	...	...	...
3	...	·1	·1	...	...	·2	·2	·7	·1	...	...	...	...	·1	·1	...	...	...	1·6	10	...	...	...
4	...	·1	·9	1·0	1·0	·4	·7	·9	·9	·9	·2	·8	·5	·6	·1	·7	...	...	9·7	59	...	...	...
5	...	·6	1·0	1·0	1·0	·9	·7	·3	·4	1·0	1·0	·9	1·0	·9	·1	·3	...	...	11·1	68	...	...	...
6	...	·2	·4	·3	·8	·9	·6	·6	·9	·6	·9	·8	1·0	1·0	·6	...	...	...	9·6	58	...	...	...
7	...	...	·1	...	·1	...	...	...	...	·6	·4	·5	·8	·9	·9	·3	...	...	4·6	28	...	...	...
8	...	...	·2	·7	·9	1·0	·6	1·0	1·0	·9	1·0	1·0	·7	·9	·9	...	...	...	10·8	66	Haze	48·9	43
9	...	...	...	...	...	...	·4	·9	·7	1·0	·9	1·0	1·0	·2	·3	·7	...	...	7·1	44	...	...	...
10	...	...	...	·9	1·0	1·0	1·0	1·0	·9	1·0	1·0	1·0	1·0	·9	·8	1·0	·5	...	13·0	80	...	...	...
11	...	...	...	·7	·8	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·4	...	12·8	79	Clear	82·3	72
12	...	...	·8	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·9	1·0	1·0	·1	...	13·8	85	...	...	...
13	...	...	·1	...	·7	·5	·3	·4	·9	1·0	·2	1·0	·9	1·0	1·0	1·0	·5	...	9·5	59	...	...	...
14	...	·1	1·0	1·0	1·0	1·0	1·0	·9	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	...	14·4	89	...	...	...
15	...	·2	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·5	·7	·8	1·0	1·0	·5	...	13·7	85	Clear	83·8	73
16	—	...	...	...	...	...	...	...	·4	·8	·8	·9	·9	1·0	·9	·7	·4	—	6·8	42	Clear	56·5	49
17	—	·1	1·0	1·0	1·0	·6	·1	...	...	...	...	...	...	...	...	...	...	—	3·8	24	...	...	...
18	—	·1	1·0	·3	...	·4	·9	·6	·8	1·0	·4	·1	·4	·1	·3	...	...	—	6·4	40	Clear	86·7	75
19	—	...	...	·1	·6	·8	·5	·4	·3	·9	·6	·9	·7	·2	...	...	...	—	6·0	37	...	...	...
20	—	...	·7	1·0	1·0	·9	·7	·4	·3	·7	·8	·2	...	...	...	...	...	—	6·7	42	...	...	...
21	—	...	...	...	...	...	...	...	...	·2	·1	...	...	·7	1·0	1·0	·6	—	3·6	23	...	...	...
22	—	...	...	...	·3	·9	1·0	1·0	·3	·3	...	...	·4	·2	·7	...	...	—	5·1	32	...	...	...
23	—	...	...	...	...	·3	·7	·4	·3	·2	...	·2	·6	·2	·3	...	...	—	3·2	20	...	...	...
24	—	·2	1·0	1·0	1·0	·9	·4	·3	·4	·7	·2	·4	·5	·5	·7	·7	...	—	8·9	56	...	...	...
25	—	·4	1·0	1·0	·9	·2	·9	·4	·3	...	...	...	...	...	...	...	...	—	5·1	32	...	...	...
26	—	...	...	...	·6	·2	·7	·6	...	·2	·4	·1	·2	...	·2	·4	...	—	3·6	23	...	...	...
27	—	...	·9	1·0	1·0	1·0	·9	·6	·9	·5	·9	·7	·5	·6	...	...	...	—	9·5	61	...	...	...
28	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...
29	—	...	·4	·2	·3	·2	·2	...	·1	·3	·4	...	...	...	·7	·1	...	—	2·9	19	...	...	...
30	—	...	...	...	...	...	...	·1	·3	·3	...	·8	·3	·5	1·0	·1	...	—	3·4	22	...	...	...
31	—	...	...	·7	1·0	·9	·4	·4	·4	·2	·5	·5	·3	...	...	·1	...	—	5·4	35	...	...	...
Sum.	...	2·3	12·6	14·9	18·0	17·1	17·1	16·3	16·1	19·0	16·2	16·3	16·3	15·2	15·7	11·9	3·6	...	228·6	—	—	—	—
Mean.	...	0·07	0·41	0·48	0·58	0·55	0·55	0·53	0·52	0·61	0·52	0·53	0·53	0·49	0·51	0·38	0·12	...	7·38	46	—	—	—

447. Richmond (Kew Observatory) : h_s = 13·3 metres. **August, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	...	·1	·6	·1	...	·2	...	...	...	...	...	...	...	...	...	...	—	1·0	6	...	...	...
2	—	...	...	·1	·4	·6	·1	·3	·4	·5	·6	·3	·5	...	·1	·9	·2	—	5·0	33	...	...	...
3	—	·3	1·0	1·0	1·0	1·0	·5	·7	...	·1	...	...	...	...	...	...	...	—	5·6	37	...	...	...
4	—	...	...	·1	·3	·8	·8	·5	...	...	...	...	·1	...	...	...	...	—	2·6	17	...	...	...
5	—	...	...	...	·7	...	...	·3	·5	·6	·2	...	...	...	·3	·9	·1	—	3·6	24	...	...	...
6	—	...	...	...	...	...	...	...	...	·9	·5	·6	·5	...	...	...	...	—	2·5	17	...	...	...
7	—	...	...	...	...	...	·3	·9	·7	1·0	·9	·9	·3	·1	·2	·5	...	—	5·8	38	...	...	...
8	—	...	...	·5	1·0	1·0	1·0	·9	·9	·9	·8	·4	·3	·2	·4	...	...	—	8·3	55	...	...	...
9	—	...	·2	1·0	1·0	1·0	1·0	1·0	·9	·9	·9	1·0	·6	·7	...	...	...	—	10·2	68	Haze	73·4	60
10	—	...	...	·3	·7	1·0	1·0	1·0	·9	·9	1·0	1·0	·9	·9	...	...	...	—	9·6	64	...	...	...
11	—	...	...	...	·1	·8	1·0	1·0	1·0	1·0	·7	1·0	·9	...	·6	·8	...	—	8·9	60	...	...	...
12	—	...	...	...	·2	·1	...	...	·1	...	·2	·5	·9	·5	...	...	...	—	2·5	17	...	...	...
13	—	...	·4	·9	·3	·5	·3	...	·2	·2	...	·4	·6	...	·6	·3	...	—	4·7	32	...	...	...
14	—	...	...	·2	1·0	1·0	1·0	·8	·8	·4	·7	·2	...	...	...	...	...	—	6·1	41	...	...	...
15	—	...	·6	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·2	·7	·2	·1	·9	...	...	—	9·7	66	...	...	...
16	—	...	·6	1·0	1·0	1·0	·6	·5	·7	·5	·3	·7	·2	...	...	...	...	—	7·1	49	...	...	...
17	—	...	...	...	...	...	...	...	·2	·7	·9	·8	·2	·2	·5	·5	...	—	4·0	28	...	...	...
18	—	...	...	·1	·1	·1	...	...	·4	·6	·9	·2	·6	·2	·6	·7	...	—	4·5	31	...	...	...
19	—	...	·1	1·0	1·0	·7	·7	·9	·2	·4	·8	·5	·9	1·0	·6	...	...	—	8·8	61	...	...	...
20	—	...	...	·2	...	·6	·6	·9	·9	1·0	1·0	·8	·7	·2	·2	...	...	—	7·1	50	...	...	...
21	—	...	...	1·0	1·0	1·0	1·0	·5	...	·2	·3	·8	·5	...	·2	...	...	—	6·5	45	...	...	...
22	—	...	·4	·3	...	·7	·6	·8	·3	...	·1	·1	1·0	·8	·2	...	...	—	5·3	37	...	...	...
23	—	...	...	...	...	·2	·9	·5	·7	·9	·3	·8	·5	·6	·1	...	—	—	5·5	39	...	...	...
24	—	—	...	...	...	...	...	...	...	...	...	...	·2	·1	...	...	—	—	0·3	2	...	...	...
25	—	—	...	...	...	·1	·1	...	...	·2	·1	...	...	...	...	...	—	—	0·5	4	...	...	...
26	—	—	...	...	...	...	...	...	...	...	...	...	...	...	·2	...	—	—	0·2	1	...	...	...
27	—	—	...	·9	1·0	·4	·4	·9	·6	...	...	·8	·6	·4	·1	...	—	—	6·1	44	...	...	...
28	—	—	...	...	·6	...	...	...	·2	...	...	...	...	...	...	...	—	—	0·8	6	...	...	...
29	—	—	...	...	...	...	...	·3	·5	·2	·1	·1	...	...	...	...	—	—	1·2	9	...	...	...
30	—	—	...	...	...	...	...	·1	...	·3	·4	·2	·1	·1	...	...	—	—	1·2	9	...	...	...
31	—	—	...	...	...	...	·5	...	...	·4	·5	...	·1	·3	·1	...	—	—	1·9	14	...	...	...
Sum.	—	0·3	3·4	10·2	12·5	13·6	13·6	13·8	12·1	13·8	12·4	12·8	11·4	6·4	5·9	4·6	0·3	—	147·1	—	—	—	—
Mean.	—	0·01	0·11	0·33	0·40	0·44	0·44	0·45	0·39	0·45	0·40	0·41	0·37	0·21	0·19	0·15	0·01	—	4·75	33	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

448. Richmond (Kew Observatory) : h_s (Height of recorder above ground)=13·3 metres. **September, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	…	…	…	…	…	…	…	…	·2	·3	…	…	…	…	—	—	0·5	4	…	…	…
2	—	—	…	…	…	…	…	…	…	…	…	…	…	…	·1	…	…	—	0·1	1	…	…	…
3	—	—	…	…	…	·4	·4	·3	·1	…	…	·7	·5	…	…	…	—	—	2·4	18	…	…	…
4	—	—	…	…	…	…	…	…	…	…	…	·1	·3	…	…	…	—	—	0·4	3	…	…	…
5	—	—	…	…	…	…	·7	·2	·2	·6	·9	·8	·1	…	…	…	—	—	3·5	26	…	…	…
6	—	—	…	…	·3	·1	·8	·9	1·0	1·0	·9	·2	·4	…	…	…	—	—	5·6	42	Haze&Ci	36·4	26
7	—	—	…	·2	·1	…	…	…	…	…	…	…	…	…	…	…	—	—	0·3	2	…	…	…
8	—	—	…	·9	·4	·7	1·0	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	…	—	—	**10·9**	83	…	…	…
9	—	—	…	…	·6	·1	·1	…	·4	·2	·7	…	·4	·1	…	…	—	—	2·6	20	…	…	…
10	—	—	…	·1	·8	·7	·9	·9	·9	·9	·7	·8	1·0	·7	·6	…	—	—	9·0	69	Clear	83·2	57
11	—	—	…	…	…	…	·2	·4	·2	·2	·2	·6	·9	…	·2	…	—	—	2·9	22	…	…	…
12	—	—	…	…	…	…	…	·2	…	·5	·3	·1	…	…	…	…	—	—	1·1	9	…	…	…
13	—	—	…	·1	·1	·1	·8	·6	…	…	…	·9	·1	…	…	…	—	—	2·7	21	…	…	…
14	—	—	…	…	·3	1·0	1·0	1·0	1·0	1·0	·9	·9	1·0	1·0	·8	…	—	—	9·9	78	…	…	…
15	—	—	…	…	…	…	·4	·5	·4	·4	…	·1	·2	…	…	…	—	—	2·0	16	…	…	…
16	—	—	…	·2	·6	·8	·8	·1	·2	·2	…	…	…	…	…	…	—	—	2·9	23	…	…	…
17	—	—	…	…	…	…	…	…	…	…	·1	…	…	…	…	…	—	—	0·1	1	…	…	…
18	—	—	…	·2	1·0	1·0	1·0	1·0	·9	·9	1·0	·6	·8	·5	…	…	—	—	8·9	71	Clear	76·8	50
19	—	—	…	…	·3	·6	·5	·7	·1	·3	…	·1	…	…	…	…	—	—	2·6	21	…	…	…
20	—	—	…	…	…	…	…	…	…	…	…	…	…	…	…	…	—	—	…	…	…	…	…
21	—	—	…	·3	·9	·9	1·0	1·0	·9	·7	1·0	·6	·5	…	…	…	—	—	7·8	64	…	…	…
22	—	—	…	…	·4	·8	·6	·9	·8	·5	1·0	1·0	·9	·9	·4	…	—	—	8·2	67	Clear	93·1	58
23	—	—	…	…	…	…	…	…	…	…	…	…	·5	·9	…	—	—	—	1·4	12	Clear	86·6	54
24	—	—	—	·3	·9	1·0	1·0	1·0	1·0	1·0	1·0	1·0	·8	1·0	·2	—	—	—	10·2	**84**	Clear	73·2	44
25	—	—	—	…	·1	…	…	…	…	…	…	…	…	…	…	—	—	—	0·1	1	…	…	…
26	—	—	—	…	…	…	·1	…	…	…	…	…	…	…	…	—	—	—	0·1	1	…	…	…
27	—	—	—	…	…	…	·3	·5	1·0	·9	·9	·9	1·0	1·0	·2	—	—	—	6·7	56	…	…	…
28	—	—	—	…	…	…	…	·8	1·0	·9	·8	·6	·9	1·0	…	—	—	—	6·0	51	…	…	…
29	—	—	—	…	…	…	·1	·8	1·0	1·0	1·0	1·0	1·0	·5	…	—	—	—	6·4	55	Clear	76·0	45
30	—	—	—	…	·3	·5	·1	·1	·2	…	·2	·6	…	…	…	—	—	—	2·0	17	…	…	…
Sum.	—	—	…	2·3	7·1	8·7	11·8	12·8	12·3	12·2	12·8	**12·9**	12·3	8·7	3·4	…	—	—	117·3	—	—	—	—
Mean.	—	—	…	0·08	0·24	0·29	0·39	0·43	0·41	0·41	0·43	**0·43**	0·41	0·29	0·11	…	—	—	3·91	31	—	—	—

449. Richmond (Kew Observatory) : h_s =13·3 metres. **October, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	…	…	…	…	…	…	…	…	…	…	…	…	—	—	—	…	…	…	…	…
2	—	—	—	…	…	…	…	…	…	·4	·9	·7	·7	…	…	—	—	—	2·7	23	Haze	59·5	34
3	—	—	—	…	…	…	…	…	·3	·6	…	·2	·3	…	…	—	—	—	1·4	12	Mist	16·4	9
4	—	—	—	…	…	…	…	…	…	…	…	…	·3	·2	…	—	—	—	0·5	4	…	…	…
5	—	—	—	…	…	…	…	·1	…	…	…	·3	…	…	…	—	—	—	0·4	4	…	…	…
6	—	—	—	·2	1·0	1·0	·3	·1	·5	·1	·3	·7	·1	…	…	—	—	—	4·3	38	…	…	…
7	—	—	—	…	·2	·2	·4	·9	…	…	·2	·2	…	…	…	—	—	—	2·1	19	…	…	…
8	—	—	—	…	…	·2	·4	…	…	…	…	·5	·8	·4	…	—	—	—	2·3	21	…	…	…
9	—	—	—	…	…	·4	1·0	1·0	1·0	1·0	·4	…	…	…	…	—	—	—	4·8	43	Clear	63·7	34
10	—	—	—	…	·1	·9	·9	·7	·3	·8	·5	·2	·2	…	…	—	—	—	4·6	42	…	…	…
11	—	—	—	…	…	…	…	…	…	…	…	…	…	…	…	—	—	—	…	…	…	…	…
12	—	—	—	…	…	…	…	…	·2	·6	·9	·8	1·0	·3	…	—	—	—	3·8	35	…	…	…
13	—	—	—	…	…	…	…	·5	1·0	1·0	1·0	1·0	·7	…	…	—	—	—	5·2	48	Haze	48·8	25
14	—	—	—	…	…	…	…	…	…	·4	1·0	1·0	·9	·1	…	—	—	—	3·4	32	…	…	…
15	—	—	—	…	…	…	…	…	…	…	…	…	…	…	…	—	—	—	…	…	…	…	…
16	—	—	—	…	…	…	…	…	…	…	…	…	…	…	…	—	—	—	…	…	…	…	…
17	—	—	—	…	…	·2	…	…	…	…	·2	·2	·3	…	…	—	—	—	0·9	8	…	…	…
18	—	—	—	…	…	…	…	·8	1·0	1·0	1·0	·9	·4	…	…	—	—	—	5·1	49	Haze	32·5	16
19	—	—	—	…	…	…	…	…	…	…	…	…	…	…	…	—	—	—	…	…	…	…	…
20	—	—	—	…	…	…	…	…	…	…	…	…	…	…	…	—	—	—	…	…	…	…	…
21	—	—	—	…	…	…	…	…	…	…	…	…	…	…	…	—	—	—	…	…	…	…	…
22	—	—	—	…	…	…	…	·2	·3	…	…	·2	…	·1	…	—	—	—	0·8	8	…	…	…
23	—	—	—	…	…	·4	1·0	1·0	1·0	·6	·4	·3	…	…	…	—	—	—	4·7	46	Haze	39·9	18
24	—	—	—	…	…	…	…	·9	1·0	1·0	1·0	1·0	·5	…	—	—	—	—	**5·4**	**53**	Haze	40·2	18
25	—	—	—	—	…	…	…	…	…	…	…	…	…	…	—	—	—	—	…	…	…	…	…
26	—	—	—	—	…	…	…	…	…	…	…	…	…	…	—	—	—	—	…	…	…	…	…
27	—	—	—	—	…	·2	·9	·8	·1	·1	·1	…	…	…	—	—	—	—	2·2	22	Clear	59·1	26
28	—	—	—	—	…	·1	·4	·4	·8	·9	·5	…	…	…	—	—	—	—	3·1	31	Clear	61·6	26
29	—	—	—	—	…	…	·4	…	·1	…	…	…	…	…	—	—	—	—	0·5	5	…	…	…
30	—	—	—	—	…	…	…	…	…	·8	·3	…	1·0	·1	—	—	—	—	2·2	22	…	…	…
31	—	—	—	—	…	…	…	·3	…	…	…	…	…	…	—	—	—	—	0·3	·3	…	…	…
Sum.	—	—	—	0·2	1·3	3·6	5·7	7·7	7·6	**9·3**	8·7	8·2	7·2	1·2	—	—	—	—	60·7	—	—	—	—
Mean	—	—	—	0·01	0·04	0·12	0·18	0·25	0·25	**0·30**	0·28	0·26	0·23	0·04	—	—	—	—	1·96	18	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon. Ångström Pyrheliometer. Sky.	Total.	Vertical.

For periods of sixty minutes, between the exact hours of Local Apparent Time.

450. Richmond (Kew Observatory) : h_s (Height of recorder above ground)=13·3 metres. **November, 1924.**

Day.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon, Ångström Pyrheliometer. Sky.	Total.	Vertical.
	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	%		mw/cm²	mw/cm²
1	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
2	—	—	—	—	...	·1	·4	·2	...	...	...	...	·1	...	—	—	—	—	0·8	8	...	...	...
3	—	—	—	—	...	·1	1·0	·9	·7	·7	·8	·7	·5	...	—	—	—	—	5·4	57	...	...	...
4	—	—	—	—	...	·1	1·0	1·0	1·0	1·0	1·0	1·0	·8	...	—	—	—	—	**6·9**	**73**	Clear	58·8	23
5	—	—	—	—	...	...	...	·8	1·0	·5	...	...	...	...	—	—	—	—	2·3	24	Haze	39·3	15
6	—	—	—	—	...	...	·3	1·0	1·0	1·0	1·0	·4	·3	...	—	—	—	—	5·0	54	Haze	19·1	7
7	—	—	—	—	...	...	·1	...	...	...	...	...	...	...	—	—	—	—	0·1	1	...	...	...
8	—	—	—	—	...	...	...	·2	1·0	·9	·8	·4	...	...	—	—	—	—	3·3	36	...	...	...
9	—	—	—	—	...	...	·6	1·0	1·0	1·0	·7	·3	...	...	—	—	—	—	4·6	50	...	...	...
10	—	—	—	—	...	...	·1	·9	·5	·5	1·0	...	...	...	—	—	—	—	3·0	33	...	...	...
11	—	—	—	—	...	·3	·7	·6	·2	...	...	...	...	...	—	—	—	—	1·8	20	...	...	...
12	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
13	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
14	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
15	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
16	—	—	—	—	...	...	...	·8	1·0	·6	·1	...	...	...	—	—	—	—	2·5	28	...	...	...
17	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
18	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
19	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
20	—	—	—	—	...	...	...	...	·1	·1	...	...	...	...	—	—	—	—	0·2	2	...	...	...
21	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
22	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
23	—	—	—	—	...	...	...	...	...	...	...	·1	...	...	—	—	—	—	0·1	1	...	...	...
24	—	—	—	—	...	...	...	...	...	...	·1	·6	...	...	—	—	—	—	0·7	8	...	...	...
25	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
26	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
27	—	—	—	—	...	...	·1	·2	...	·2	...	...	·1	...	—	—	—	—	0·6	7	...	...	...
28	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
29	—	—	—	—	...	...	·3	·6	·8	·2	·2	·1	...	...	—	—	—	—	2·2	27	...	...	...
30	—	—	—	—	...	...	·4	·1	...	...	·1	·5	...	...	—	—	—	—	1·1	13	...	...	...
Sum.	—	—	—	—	...	0·6	5·0	**8·3**	**8·3**	6·7	5·8	4·1	1·8	...	—	—	—	—	40·6	—	—	—	—
Mean.	—	—	—	—	...	0·02	0·17	**0·28**	**0·28**	0·22	0·19	0·14	0·06	...	—	—	—	—	1·35	15.	—	—	—

451. Richmond (Kew Observatory) : h_s=13·3 metres. **December, 1924.**

	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr	%		mw/cm²	mw/cm²
1	—	—	—	—	...	...	...	·8	·1	·7	·9	·9	...	...	—	—	—	—	3·4	41	Clear	55·9	16
2	—	—	—	—	...	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
3	—	—	—	—	—	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
4	—	—	—	—	—	...	...	...	...	...	...	...	...	...	—	—	—	—	...	...	...	...	...
5	—	—	—	—	—	...	·8	·8	·9	·7	·2	·7	...	—	—	—	—	—	4·1	51	Clear	56·7	16
6	—	—	—	—	—	·1	·7	1·0	1·0	1·0	1·0	·7	...	—	—	—	—	—	5·5	69	Haze	53·8	15
7	—	—	—	—	—	...	·3	·2	·7	...	·2	·1	...	—	—	—	—	—	1·5	19	...	...	...
8	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
9	—	—	—	—	—	...	...	...	·5	·9	·8	...	...	—	—	—	—	—	2·2	28	Fog	26·6	7
10	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
11	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
12	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
13	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
14	—	—	—	—	—	...	·4	1·0	1·0	1·0	1·0	1·0	·2	—	—	—	—	—	**5·6**	**72**	...	...	...
15	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
16	—	—	—	—	—	...	...	...	...	...	·1	...	...	—	—	—	—	—	0·1	1	...	...	...
17	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
18	—	—	—	—	—	...	·4	·3	·6	·2	...	...	...	—	—	—	—	—	1·5	19	...	...	...
19	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
20	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
21	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
22	—	—	—	—	—	...	...	...	...	·1	·9	·9	...	—	—	—	—	—	1·9	24	...	...	...
23	—	—	—	—	—	...	·2	...	...	...	...	...	...	—	—	—	—	—	0·2	3	...	...	...
24	—	—	—	—	—	...	·0	·5	...	...	...	...	...	—	—	—	—	—	1·1	14	...	...	...
25	—	—	—	—	—	...	...	·9	·7	·3	·4	·3	...	—	—	—	—	—	2·6	33	...	...	...
26	—	—	—	—	—	...	...	...	·6	·8	...	·6	...	—	—	—	—	—	2·0	26	...	...	...
27	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
28	—	—	—	—	—	...	·7	1·0	1·0	1·0	·6	·3	...	—	—	—	—	—	4·6	59	...	...	...
29	—	—	—	—	—	...	·7	1·0	1·0	1·0	1·0	·7	...	—	—	—	—	—	5·4	69	...	...	...
30	—	—	—	—	—	...	...	...	...	...	...	...	...	—	—	—	—	—	...	...	...	...	...
31	—	—	—	—	—	...	...	·4	·5	·9	·7	1·0	·5	—	—	—	—	—	4·0	51	Clear	65·5	17
Sum.	—	—	—	—	...	0·1	4·8	7·9	**8·6**	**8·6**	7·8	7·2	0·7	...	—	—	—	—	45·7	—	—	—	—
Mean.	—	—	—	—	...	0·00	0·15	0·25	**0·28**	**0·28**	0·25	0·23	0·02	...	—	—	—	—	1·47	19	—	—	—
Annual Total.	...	4·3	32·5	56·1	85·4	103·8	130·2	144·7	142·9	**147·7**	141·2	129·9	106·4	72·8	52·0	33·3	7·9	...	139·1	—	—	—	—
Annual Mean.	...	0·01	0·09	0·15	0·23	0·28	0·36	0·40	0·39	**0·40**	0·39	0·35	0·29	0·20	0·14	0·09	0·02	...	3·80	31	—	—	—

Hour L.A.T.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to Noon	Noon to 13.	13 to 14.	14 to 15.	15 to 16.	16 to 17.	17 to 18.	18 to 19.	19 to 20.	20 to 21.	Total for Day.	Per cent. of Possible.	Radiation at Noon, Ångström Pyrheliometer. Sky.	Total.	Vertical.

Direction expressed in degrees from North ($E = 90°$, $S = 180°$, $W = 270°$, $N = 360°$): Speed in metres per second.

452. Richmond (Kew Observatory): H_a (height of cups of anemograph above M.S.L.) = Height of ground above.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	1·3	240	2·3	260	2·6	265	2·3	300	3·3	310	3·9	310	3·6	320	3·0	315	2·6	305	3·9	310	3·9	305	3·9
2	320	3·0	305	2·3	300	2·0	290	2·0	280	1·6	—	1·0	—	1·0	270	2·0	—	1·3	265	2·3	260	2·0	—	1·3
3	250	2·6	265	1·6	240	2·3	240	2·0	220	1·6	245	1·6	245	2·0	260	2·0	—	1·3	250	3·3	290	5·2	295	4·6
4	—	0·3	—	0·3	—	0·0	—	0·3	—	0·0	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3
5	—	1·0	—	0·7	—	1·3	—	0·7	—	1·3	115	1·6	95	2·0	—	1·0	—	1·3	—	0·3	205	1·6	190	2·0
6	175	2·6	185	2·0	180	2·0	170	1·6	160	1·6	160	1·6	—	1·3	90	1·6	105	1·6	170	2·0	170	3·3	165	3·0
7	110	2·0	90	2·6	—	1·3	75	2·0	85	2·0	80	2·3	85	2·3	75	2·6	90	3·3	85	3·3	75	2·6	95	3·3
8	80	3·3	85	3·3	90	5·2	80	4·9	80	4·3	90	3·9	90	3·3	90	3·3	95	5·2	95	6·2	95	4·9	95	5·2
9	70	12·5	65	11·5	60	10·8	55	10·5	50	9·5	45	7·2	40	6·9	40	7·5	40	7·5	45	7·9	50	7·5	45	6·2
10	—	0·7	—	0·7	145	3·0	140	2·3	95	2·6	130	2·6	155	3·0	—	1·3	—	1·0	210	2·3	220	3·0	220	2·0
11	240	3·9	225	2·3	215	1·6	220	1·6	215	3·6	220	4·6	220	4·9	215	5·9	210	5·6	220	7·9	230	5·2	240	4·9
12	195	11·1	195	9·5	200	10·8	200	10·5	200	11·8	195	11·1	200	10·8	200	9·8	200	11·1	205	10·8	210	11·5	205	10·8
13	165	7·2	165	8·9	170	8·5	170	6·9	170	6·9	175	8·5	170	8·9	175	8·5	180	6·9	175	8·2	170	7·9	170	7·9
14	185	4·3	175	4·3	180	3·9	175	4·9	185	4·6	180	4·3	180	4·9	180	4·9	190	5·2	185	6·2	185	5·6	180	4·6
15	165	4·3	160	3·3	160	3·0	160	3·3	150	4·3	135	3·3	130	3·0	130	2·6	135	4·3	135	5·6	145	5·2	140	4·6
16	70	2·6	100	2·3	190	3·9	100	3·0	70	4·9	70	4·9	60	2·0	60	2·3	70	2·3	70	3·9	75	6·2	80	5·6
17	75	6·2	80	6·6	80	5·6	75	6·6	75	6·9	70	6·9	70	7·2	70	6·2	70	5·9	70	6·9	70	5·6	70	5·9
18	85	1·6	75	1·6	130	2·3	130	2·6	115	3·0	160	4·6	165	4·9	170	3·3	185	3·6	185	4·3	185	4·3	180	3·3
19	205	7·2	200	4·9	200	4·9	200	4·3	195	4·3	200	6·6	215	4·9	200	6·2	220	7·5	235	7·5	230	6·6	230	7·5
20	260	5·6	270	4·3	280	6·2	275	4·6	270	3·6	265	3·6	270	4·3	270	3·3	270	3·6	265	3·6	275	5·6	295	5·6
21	—	1·0	—	0·7	—	1·3	—	0·7	—	0·0	—	1·0	—	1·0	180	1·6	185	2·6	185	2·0	190	3·3	190	3·3
22	195	2·3	190	2·3	180	2·3	180	2·0	185	3·3	190	3·6	180	3·6	165	2·6	170	3·0	160	3·9	160	2·6	155	3·9
23	—	0·3	—	0·7	340	1·6	—	1·0	—	0·7	—	1·0	—	1·0	35	2·3	35	2·0	30	2·0	60	2·0	30	1·6
24	220	2·0	225	2·0	215	2·0	—	1·3	—	1·0	—	1·3	210	1·6	195	2·0	220	2·3	210	2·0	230	2·6	245	3·6
25	355	1·6	330	1·6	330	2·3	340	2·0	350	2·0	345	2·0	350	3·3	345	1·6	340	2·0	345	1·6	335	2·3	335	3·0
26	—	1·3	—	1·3	—	1·3	250	2·0	235	1·6	240	1·6	225	2·0	230	3·3	245	3·0	265	3·0	260	3·3	255	3·0
27	245	3·9	240	3·9	230	3·6	250	3·9	255	3·9	280	4·6	285	3·3	315	3·3	325	3·0	340	4·6	335	6·9	335	5·9
28	280	1·6	—	1·3	280	2·3	295	3·0	290	1·6	—	1·0	295	2·3	320	2·6	340	3·3	345	5·6	350	5·9	355	5·2
29	—	1·3	215	1·6	235	1·6	—	1·3	—	1·0	—	1·3	225	1·6	—	1·3	240	2·0	265	2·0	255	2·3	270	2·0
30	—	1·0	—	0·7	245	1·6	—	1·0	—	0·7	—	0·3	—	1·3	—	1·3	—	0·7	—	1·0	—	1·0	—	1·0
31	—	0·7	—	0·7	—	1·0	—	0·7	—	1·0	—	0·7	—	1·3	—	1·0	—	1·0	225	2·0	230	2·6	240	2·3
Mean ...	—	3·2	—	**3·0**	—	3·3	—	3·1	—	3·2	—	3·3	—	3·3	—	3·2	—	3·4	—	4·1	—	**4·3**	—	4·1

453. Richmond (Kew Observatory): $H_a = 5$ metres + 20 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	1·3	—	0·7	300	1·6	—	1·3	5	3·0	5	2·3	—	1·3	—	1·3	320	2·0	325	2·6	335	3·6	360	4·3
2	250	2·3	—	1·3	250	1·6	265	2·3	250	2·6	260	2·6	270	3·0	260	3·0	270	3·0	270	3·6	340	4·6	350	5·2
3	270	2·3	265	2·0	250	2·6	260	2·3	260	2·0	275	3·0	275	3·3	275	2·3	270	2·0	270	2·6	280	4·9	290	4·3
4	280	3·3	290	2·6	285	2·6	270	2·3	275	3·0	245	2·0	265	3·0	260	2·6	250	4·3	285	4·3	290	4·3	290	3·9
5	270	2·6	260	2·6	265	3·0	255	3·0	255	4·6	270	4·3	270	3·3	265	3·9	260	3·9	270	4·9	290	5·9	295	6·2
6	300	4·9	300	4·9	300	4·3	315	3·6	320	5·2	320	5·2	320	6·6	330	5·6	340	5·2	330	4·6	320	4·6	320	4·6
7	330	3·3	330	2·3	350	3·3	315	3·0	300	2·0	280	2·0	305	2·0	325	2·6	—	1·3	—	1·3	275	2·0	285	2·0
8	—	1·0	—	1·0	220	1·6	—	1·0	—	0·3	—	1·0	145	1·6	190	2·0	180	2·3	175	3·6	185	4·6	190	4·9
9	155	6·9	145	6·6	150	7·9	145	7·5	125	5·9	125	5·6	145	5·9	160	8·2	155	9·2	145	9·8	160	8·5	200	8·9
10	185	1·6	150	1·6	130	2·6	140	1·6	145	1·6	130	2·0	140	2·6	140	1·6	—	1·0	115	3·0	135	2·6	140	2·3
11	80	3·9	85	3·3	90	2·6	75	2·6	75	3·3	65	2·6	75	3·0	65	2·3	55	3·3	35	2·6	35	2·6	25	2·3
12	15	1·6	—	1·3	—	0·3	—	0·7	—	1·3	—	0·7	—	1·3	115	1·6	90	2·6	90	3·3	90	4·6	85	4·6
13	80	8·5	75	7·9	75	9·2	75	9·5	75	10·8	70	10·2	70	9·8	65	11·1	70	9·8	70	10·8	70	10·5	65	9·5
14	55	8·2	60	8·2	60	8·9	55	7·2	60	7·9	50	8·5	55	5·9	55	7·5	50	7·2	55	6·9	55	6·2	60	7·5
15	—	0·6	—	0·7	—	0·7	—	1·0	—	1·2	—	1·0	—	1·1	195	1·7	200	1·8	235	2·0	220	2·6	230	3·3
16	—	0·4	—	0·7	75	1·7	—	1·4	—	1·4	—	1·4	—	1·0	80	3·3	95	4·3	110	5·2	90	4·3	90	4·6
17	—	1·2	25	1·8	40	2·4	35	1·8	—	0·6	—	0·4	—	0·7	—	1·1	—	1·0	20	2·0	85	2·0	—	0·7
18	215	1·4	220	2·1	220	1·4	240	2·2	235	2·5	230	3·2	245	1·8	230	2·8	235	2·3	240	3·0	245	2·6	270	3·0
19	360	6·2	355	5·2	355	5·9	360	6·2	355	5·9	5	5·6	350	5·2	355	4·3	360	5·6	355	5·2	10	6·6	360	7·2
20	35	3·6	40	2·6	25	2·6	20	3·0	25	2·6	40	3·3	35	3·3	55	4·3	55	3·6	55	4·3	45	4·3	50	3·9
21	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	0·7	—	0·7	—	0·7	—	0·3	—	1·0	—	1·0
22	10	3·9	15	3·9	5	3·3	360	3·3	360	3·6	360	3·9	360	3·0	355	4·6	355	4·3	360	5·6	360	6·2	360	5·6
23	360	4·3	360	4·6	5	5·2	360	4·6	360	4·3	360	3·9	350	2·6	355	3·9	355	4·9	355	4·6	355	5·6	340	4·6
24	240	2·3	255	2·0	270	2·0	280	2·0	245	1·6	265	2·6	260	3·9	260	4·3	255	4·3	255	5·9	260	5·6	265	6·2
25	310	5·6	320	6·2	320	6·2	320	5·2	330	6·2	330	4·6	325	3·3	340	3·3	350	4·6	360	5·9	10	6·6	10	6·2
26	25	5·6	25	3·9	15	4·9	15	4·6	360	4·3	360	3·0	360	2·6	360	3·3	5	3·9	5	3·6	15	4·6	10	4·9
27	40	5·0	40	5·7	20	4·0	20	4·4	15	4·0	15	3·3	25	3·2	40	3·4	45	2·3	15	2·6	345	2·3	315	1·6
28	350	5·9	360	6·9	360	4·6	355	5·6	350	6·6	350	5·2	355	4·9	355	4·9	350	5·6	350	8·2	350	6·6	360	7·2
29	—	1·3	235	1·9	240	1·7	220	3·0	230	4·0	230	4·8	225	6·6	225	5·9	240	6·2	240	7·2	245	8·2	245	9·5
Mean ...	—	3·4	—	**3·3**	—	3·4	—	3·3	—	3·5	—	3·4	—	3·3	—	3·7	—	3·9	—	4·5	—	4·8	—	**4·8**
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 5 metres + 20 metres.

January, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
310	3·9	310	3·6	315	4·6	305	3·6	315	3·3	310	3·6	310	3·9	305	3·3	310	4·6	310	3·0	320	2·6	315	2·3	3·3	1
255	1·6	235	2·6	220	2·3	215	2·3	230	2·6	220	3·3	225	2·0	235	2·3	240	2·0	260	2·3	270	3·0	255	2·3	2·1	2
300	4·3	300	4·6	295	3·6	270	2·6	250	1·6	245	1·6	—	1·3	—	1·0	—	1·0	—	0·3	—	1·0	—	1·0	2·3	3
—	0·7	—	0·0	105	2·0	95	2·6	120	2·0	100	2·6	120	1·6	—	1·0	145	2·0	170	2·0	160	1·6	—	1·3	**0·9**	4
180	2·0	170	2·3	170	2·3	180	2·0	190	1·6	180	1·6	170	3·0	170	2·6	180	2·0	—	1·0	185	2·0	185	2·6	1·6	5
165	3·9	160	4·9	150	3·3	140	3·3	155	3·0	145	2·3	150	1·6	125	4·6	130	3·6	140	3·0	125	2·3	125	2·0	2·6	6
95	3·6	100	3·0	100	3·3	100	2·6	75	2·0	60	1·6	75	3·0	70	3·0	85	3·9	85	3·3	90	3·3	85	3·3	2·7	7
85	6·2	80	5·2	90	6·9	85	7·2	85	7·5	90	9·2	90	11·1	85	13·1	80	12·1	75	11·1	75	12·5	70	11·8	6·8	8
40	6·6	35	6·2	15	5·9	15	5·6	20	5·6	10	3·9	10	4·3	20	3·9	30	2·6	35	3·0	—	1·3	—	1·0	6·7	9
—	0·7	—	1·3	—	0·7	100	2·0	—	1·3	—	1·0	—	1·3	—	0·7	—	1·3	335	1·6	—	1·3	235	2·0	1·6	10
230	5·9	220	4·3	210	3·6	195	4·3	175	3·3	185	3·6	180	5·9	180	6·6	180	8·9	185	9·8	185	9·2	190	9·2	5·1	11
200	10·2	200	9·2	200	9·8	200	8·2	195	8·5	185	6·6	175	7·2	180	7·2	170	8·2	175	8·5	170	7·2	165	7·2	**9·5**	12
170	8·5	170	10·5	170	9·8	170	9·5	170	6·9	175	5·6	175	5·6	170	3·6	175	5·9	180	5·9	180	4·9	170	4·9	7·4	13
180	5·6	175	5·9	180	4·6	175	4·9	165	4·3	160	3·6	160	3·9	170	3·9	165	3·3	175	4·9	180	5·2	165	4·6	4·7	14
140	4·6	130	3·9	120	5·6	110	5·2	95	4·6	105	4·3	120	3·9	120	3·3	110	3·0	90	3·6	100	4·3	65	1·6	4·0	15
80	4·3	80	4·9	70	4·9	70	5·6	75	5·6	80	5·9	80	3·9	70	3·3	75	3·9	70	4·6	70	4·6	80	5·9	4·1	16
70	5·9	70	4·9	70	4·3	75	3·3	75	3·0	75	3·9	90	3·0	80	3·0	80	3·3	90	3·6	95	3·3	90	2·6	5·1	17
175	4·3	165	4·3	195	4·6	210	3·9	210	4·9	200	5·9	210	6·2	205	5·9	210	6·2	210	7·5	210	7·2	210	7·5	4·4	18
225	8·2	220	8·2	215	7·5	240	4·6	255	7·2	270	5·9	255	5·6	250	6·2	250	7·2	260	7·5	255	5·9	260	6·2	6·4	19
300	4·6	300	4·9	305	3·6	285	2·6	270	2·3	255	1·6	250	2·0	255	2·0	245	2·3	230	2·0	235	2·3	—	1·3	3·7	20
190	3·9	200	3·6	205	3·6	200	3·6	200	3·3	200	5·6	205	4·6	220	4·3	220	3·3	210	2·6	210	2·6	205	3·3	2·6	21
160	3·0	170	2·6	175	2·0	190	3·6	200	1·6	130	1·6	115	1·6	—	0·3	—	1·0	—	0·3	—	0·0	—	0·0	2·3	22
—	1·3	60	1·6	125	2·3	150	1·6	150	2·0	150	1·6	150	2·6	145	2·6	150	2·0	—	1·3	—	1·0	—	1·0	1·5	23
245	3·6	220	2·0	215	3·0	200	3·6	205	3·6	210	3·3	210	2·6	220	2·3	—	1·3	—	0·7	320	1·6	340	2·0	2·2	24
345	3·3	345	2·6	330	2·0	—	1·0	—	0·7	—	1·0	275	1·6	—	1·0	—	1·3	—	1·3	230	1·6	—	1·0	1·8	25
255	3·6	260	4·3	250	5·2	260	4·6	250	3·0	—	1·3	230	3·0	240	4·3	245	3·0	240	4·3	240	3·3	245	3·3	2·9	26
335	5·9	330	5·2	330	4·6	300	2·3	300	3·0	290	2·3	290	2·0	295	2·0	300	2·3	300	2·3	280	1·6	—	1·3	3·6	27
360	3·9	360	3·9	360	3·3	350	2·6	330	2·3	315	1·6	320	2·0	335	2·6	340	2·3	350	2·6	355	2·3	—	1·0	2·8	28
275	2·3	270	1·6	285	1·6	275	1·6	270	1·6	260	1·6	—	1·0	—	1·0	245	1·6	—	1·3	—	1·0	—	0·7	1·5	29
—	0·7	—	1·3	—	1·0	—	0·7	—	0·7	—	0·3	—	0·3	—	1·0	—	1·3	—	0·7	—	0·3	—	0·3	**0·9**	30
235	2·6	235	2·0	225	2·6	230	2·0	235	2·3	240	3·0	250	2·0	250	2·3	255	2·3	225	2·0	270	1·6	275	1·6	1·7	31
—	4·2	—	4·1	—	4·0	—	3·7	—	3·4	—	3·3	—	3·3	—	3·4	—	3·5	—	3·5	—	3·3	—	3·1	3·5	

February, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
360	3·6	335	3·6	330	3·3	335	2·6	305	1·6	—	1·3	—	1·3	—	1·3	270	2·0	275	2·0	255	2·0	240	2·3	2·2	1
330	5·6	325	4·6	325	4·3	320	4·6	315	3·3	330	3·3	300	3·3	295	3·0	305	3·0	325	3·9	305	3·9	270	3·0	3·4	2
305	3·6	300	3·9	290	3·0	315	3·9	285	3·9	280	3·3	285	2·3	270	2·0	275	2·3	285	3·0	280	2·6	285	2·6	2·9	3
295	5·2	290	3·3	290	3·3	285	3·3	280	2·6	270	3·0	275	3·3	280	3·3	290	3·6	290	3·3	270	3·3	270	2·0	3·3	4
290	6·2	275	4·6	275	5·2	275	4·3	295	5·9	305	7·2	310	7·9	305	7·5	295	6·6	295	5·2	300	5·6	300	5·6	4·9	5
315	3·6	315	5·2	335	4·9	335	5·2	320	3·6	330	4·6	320	4·3	310	3·9	310	4·6	315	3·6	320	3·6	325	2·6	4·6	6
285	3·0	275	1·6	—	1·3	280	2·0	—	1·3	—	0·7	—	1·3	—	0·7	—	0·7	—	1·3	—	1·0	—	1·0	1·8	7
195	4·3	200	4·6	190	4·3	180	3·9	180	3·9	165	4·3	165	4·9	165	5·9	165	5·2	160	6·2	155	5·2	155	5·6	3·4	8
205	6·9	215	8·2	240	7·2	250	5·2	230	4·3	225	3·3	215	2·6	210	1·6	205	2·6	210	1·6	—	1·3	185	2·3	5·8	9
95	2·3	90	3·6	90	4·6	105	3·6	100	3·6	100	4·3	105	3·9	100	3·3	110	3·9	115	4·3	105	3·6	95	3·6	2·8	10
20	2·3	15	1·6	15	2·6	360	2·0	350	2·0	—	1·3	350	2·0	—	1·3	360	1·6	10	1·6	—	1·3	—	1·3	2·3	11
70	3·9	65	3·6	65	5·6	80	7·5	90	6·9	95	5·2	85	4·9	80	4·6	90	5·6	85	6·6	80	7·9	80	7·9	3·8	12
70	10·8	70	10·8	70	10·2	65	10·2	65	11·1	60	9·8	60	10·5	55	9·2	60	9·8	60	9·2	60	9·2	60	9·5	**9·9**	13
65	7·5	60	5·9	60	5·2	60	5·6	60	5·6	60	4·9	70	5·9	70	3·9	30	2·3	—	1·0	—	1·5	—	0·7	6·0	14
220	3·3	215	3·9	220	3·0	220	2·0	210	2·0	185	1·6	—	1·0	—	0·6	—	0·4	—	0·9	—	0·6	—	0·4	1·6	15
95	5·6	80	5·9	65	4·9	60	4·3	65	4·6	70	5·2	65	3·6	25	2·6	—	1·5	—	1·0	—	1·1	—	1·4	3·0	16
120	1·6	—	0·7	—	0·7	—	1·0	—	0·3	—	0·7	—	0·0	—	0·3	—	0·3	—	0·8	—	1·1	—	1·1	**1·0**	17
295	2·0	—	1·0	25	4·9	30	7·9	25	6·2	15	5·6	5	4·9	360	4·9	355	4·3	360	5·6	355	5·9	350	5·6	3·5	18
15	7·9	10	6·6	25	6·9	25	6·2	20	5·9	20	5·2	35	4·3	40	4·3	25	3·6	35	3·6	30	3·9	35	3·3	5·5	19
45	3·3	50	3·6	40	3·9	40	3·3	30	2·3	50	2·6	45	2·6	35	3·0	50	3·0	60	2·6	—	1·0	—	0·3	3·1	20
—	0·7	—	1·0	—	0·7	—	0·3	—	0·0	—	0·7	—	0·7	—	1·0	—	1·3	20	5·6	20	4·6	20	3·9	1·0	21
360	5·6	360	5·9	10	6·9	15	5·9	15	4·9	360	3·6	360	4·3	350	3·9	345	3·9	355	4·9	360	4·3	360	3·6	4·5	22
15	6·2	5	5·2	350	5·2	340	3·6	320	3·9	305	3·9	310	4·3	320	4·3	325	4·3	320	3·0	310	2·3	245	1·6	4·2	23
260	5·6	270	6·2	275	5·9	295	4·3	300	5·2	350	2·6	—	1·3	295	2·6	300	3·3	315	4·9	330	6·6	330	5·2	3·9	24
360	5·6	10	7·2	10	7·5	360	6·9	5	7·5	25	5·9	25	7·2	40	7·2	40	7·5	30	5·9	20	5·6	25	5·6	6·0	25
20	4·3	20	3·6	20	4·3	40	5·9	40	6·6	45	6·2	40	5·6	45	4·3	25	3·6	45	5·9	40	5·6	30	5·2	4·6	26
265	2·3	260	3·0	270	3·0	260	3·0	255	2·6	245	2·6	225	2·6	220	3·3	230	3·3	235	2·6	265	3·6	330	3·0	3·2	27
5	6·2	360	5·9	360	5·6	360	5·2	360	3·9	360	3·0	325	2·3	330	2·0	315	2·3	320	2·0	—	1·0	—	1·2	4·7	28
250	8·2	235	8·5	245	7·9	265	8·9	270	6·6	275	6·9	275	5·9	275	5·6	255	4·3	260	5·6	270	5·2	270	5·6	5·7	29
—	4·7	—	4·6	—	4·7	—	4·6	—	4·2	—	3·9	—	3·8	—	3·5	—	3·5	—	3·7	—	3·6	—	3·3	3·9	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second.

454. Richmond (Kew Observatory) : H_a (height of cups of anemograph above M.S.L.)=Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	265	4·6	275	3·6	275	6·6	265	4·3	255	6·2	255	5·9	260	5·2	260	6·6	270	9·2	275	9·5	280	7·9	260	7·5
2	235	2·3	215	3·6	195	4·3	195	3·0	195	3·0	195	3·0	195	3·3	195	3·9	220	5·9	250	6·9	255	6·9	250	5·9
3	180	3·9	150	2·3	45	2·6	325	4·6	290	5·2	275	5·2	290	4·9	285	4·3	260	3·6	245	3·6	230	4·6	225	5·2
4	240	4·6	240	3·3	240	3·6	245	2·0	245	1·6	245	2·0	245	2·0	245	2·6	245	2·3	250	3·6	260	3·3	285	5·2
5	295	1·6	—	0·7	—	0·7	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·7	255	1·6	200	3·9	200	3·6
6	205	2·6	190	2·3	170	2·3	—	1·3	—	1·3	—	1·3	115	3·0	70	3·0	55	2·6	40	4·0	45	3·6	45	3·3
7	105	3·3	110	2·9	100	2·2	125	2·2	130	1·8	130	1·4	—	1·4	—	1·1	—	1·1	—	1·0	140	2·6	170	2·3
8	130	2·6	130	2·6	130	2·3	130	2·3	130	2·3	130	2·0	130	2·0	130	2·0	—	1·3	135	1·6	—	1·3	135	2·0
9	170	1·6	—	1·0	170	1·6	—	1·3	—	1·3	—	1·0	—	0·7	—	1·3	170	2·3	170	3·3	175	4·6	165	3·6
10	155	2·0	—	1·0	—	0·0	—	0·0	—	0·0	—	0·0	—	0·0	—	1·3	150	2·3	95	3·6	95	3·9	95	4·3
11	75	1·6	—	1·0	75	1·6	75	2·0	75	1·6	75	2·0	75	2·0	—	1·3	—	0·3	—	0·7	80	3·3	90	4·9
12	—	1·3	95	1·6	95	2·0	95	2·6	95	3·3	95	2·3	95	4·6	95	5·2	95	4·9	95	4·6	95	6·2	95	5·2
13	95	3·3	95	2·0	95	3·0	95	2·6	95	3·3	95	3·6	95	3·3	95	3·9	95	5·6	95	5·9	100	7·2	90	7·2
14	90	3·6	90	2·6	90	2·3	90	1·6	90	2·6	90	2·0	90	3·3	90	3·9	90	4·3	95	5·6	80	4·6	85	4·6
15	—	0·7	—	0·3	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	0·3	—	1·0	85	2·0	—	1·3
16	230	2·0	—	1·0	—	1·0	—	1·3	—	1·3	—	1·0	—	1·0	—	1·3	230	2·0	245	2·0	280	3·6	330	4·6
17	—	1·0	—	0·7	—	0·7	—	0·7	—	0·0	—	0·0	—	0·0	—	1·0	45	2·3	25	3·6	15	3·0	40	2·6
18	—	0·3	—	1·0	—	1·0	—	0·7	—	1·3	55	1·6	—	0·7	—	1·0	50	2·0	25	2·6	355	2·●	360	1·6
19	—	0·7	—	1·0	—	0·7	—	0·3	—	1·0	—	0·7	—	0·3	—	0·3	—	1·0	225	3·0	230	3·3	230	3·6
20	65	3·6	70	3·6	70	4·6	70	4·6	70	5·9	70	5·9	75	8·5	80	8·9	85	8·9	95	9·5	80	10·2	75	10·2
21	90	8·9	80	8·2	70	7·9	70	6·9	75	7·2	70	5·9	75	4·9	75	4·9	65	3·0	70	2·3	—	1·3	—	1·3
22	—	0·7	—	1·3	210	2·3	210	2·3	230	1·6	235	2·0	225	3·0	215	3·6	210	3·6	215	3·9	220	4·9	215	6·6
23	175	3·0	175	2·6	175	3·6	170	3·6	155	4·3	140	4·3	145	4·6	160	5·6	175	6·2	200	7·2	210	7·5	220	7·9
24	230	6·6	225	7·2	230	6·9	220	7·9	230	6·6	225	7·5	230	6·9	225	5·6	225	6·9	215	7·5	215	6·9	220	7·9
25	—	1·0	—	1·3	—	1·0	—	1·3	90	1·6	85	2·0	85	1·6	80	1·6	5	1·6	10	2·0	—	1·3	—	0·7
26	105	2·3	95	4·6	95	5·2	95	4·6	95	4·9	90	5·9	85	5·6	80	7·2	85	6·6	80	6·6	75	7·2	75	6·9
27	50	5·9	50	6·2	55	6·2	45	5·9	45	6·6	45	5·6	45	6·2	50	6·6	50	7·2	50	8·5	55	6·6	55	6·2
28	45	6·2	45	5·9	35	6·2	40	6·2	40	5·2	40	6·2	40	6·9	40	6·6	50	7·5	65	8·2	65	8·5	70	9·2
29	50	4·9	45	5·2	45	4·9	45	5·2	45	4·9	45	4·3	45	5·9	40	7·5	40	8·2	60	9·8	60	8·2	55	7·5
30	45	5·6	40	5·6	40	5·6	40	3·9	40	4·9	40	5·2	40	5·6	50	6·2	50	7·9	55	8·2	60	8·2	65	7·5
31	55	3·3	55	2·3	55	2·6	55	3·0	55	2·6	55	3·0	50	2·6	35	3·0	25	4·3	45	5·6	45	3·9	45	5·2
Mean ..	—	3·1	—	2·9	—	3·1	—	**2·8**	—	3·0	—	3·0	—	3·2	—	3·6	—	4·1	—	4·7	—	4·9	—	5·0

455. Richmond (Kew Observatory) : $H_a + 5$ metres = 20 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	20	2·3	15	3·0	10	3·3	10	2·6	10	3·3	10	3·9	10	4·3	10	4·3	10	4·3	15	5·9	25	5·2	35	5·6
2	30	5·6	30	5·2	30	5·6	30	4·9	30	4·9	30	5·6	25	6·6	35	6·2	45	7·5	40	7·5	35	8·5	40	7·2
3	30	5·9	30	5·6	30	5·6	35	5·6	35	4·3	35	5·2	40	5·2	35	5·9	35	6·2	50	8·5	60	8·9	50	8·2
4	40	3·6	40	3·6	40	4·3	40	3·9	40	4·3	40	3·9	40	4·6	45	3·6	50	3·9	45	5·6	45	4·3	45	4·3
5	50	3·9	50	3·6	50	3·6	50	3·9	45	4·3	45	3·9	45	4·6	45	5·9	50	4·9	45	5·2	50	5·6	60	6·6
6	—	0·3	—	1·3	—	1·3	80	2·0	40	2·3	40	2·0	45	2·0	50	1·6	50	2·3	60	1·6	65	3·0	70	3·0
7	90	2·0	90	1·6	90	1·6	90	1·6	—	1·3	90	1·6	—	1·3	—	1·3	90	1·6	250	3·3	260	3·0	260	3·6
8	210	3·0	215	2·6	210	2·3	215	2·3	210	2·0	—	1·3	225	2·0	240	2·0	245	2·3	265	2·6	270	4·6	280	3·9
9	—	1·3	—	1·0	270	2·0	320	3·6	—	1·0	270	1·6	—	1·0	220	1·6	270	3·0	270	2·3	295	4·9	315	3·9
10	270	1·6	—	1·0	—	0·3	—	1·0	—	0·0	—	0·0	—	1·3	180	2·3	195	3·6	125	4·9	105	4·3	130	4·3
11	—	1·0	—	1·0	—	1·3	—	1·3	355	2·3	360	3·3	5	3·9	5	4·3	15	4·9	15	5·9	15	3·6	360	4·6
12	165	4·3	170	5·6	145	3·6	155	3·9	170	3·0	215	3·3	240	3·0	230	3·6	240	3·9	230	4·6	255	4·6	250	3·9
13	265	3·0	260	3·0	260	3·3	255	3·3	255	3·0	260	2·6	260	3·0	260	3·3	265	3·0	250	3·3	235	3·6	225	3·6
14	185	7·5	190	7·2	195	7·9	195	7·9	200	9·2	200	7·5	200	8·9	200	8·9	200	7·9	185	10·5	185	8·9	185	8·2
15	—	0·3	—	1·0	235	2·0	20	2·3	30	2·3	30	2·6	20	3·3	10	2·6	5	3·0	10	4·3	10	3·9	360	4·3
16	—	0·7	—	1·3	—	1·3	—	1·3	—	1·0	—	1·3	20	1·6	270	1·6	310	3·6	325	3·1	310	3·5	315	3·8
17	—	0·7	140	1·6	120	1·6	—	0·7	—	0·7	—	1·0	—	0·7	5	2·3	10	2·3	360	2·3	360	2·0	350	2·3
18	—	0·7	—	0·3	—	0·3	—	0·7	—	1·3	—	0·3	—	0·7	195	2·0	200	3·9	210	5·6	205	6·2	215	6·2
19	215	2·3	215	3·0	215	1·6	210	2·0	215	2·6	225	2·6	230	2·6	245	3·6	260	5·2	255	6·6	260	6·9	265	5·6
20	—	1·3	—	1·3	230	1·6	—	1·0	225	2·0	—	1·0	—	1·0	240	2·0	280	2·3	290	1·6	—	1·3	280	2·6
21	260	1·6	260	1·6	255	1·6	240	2·0	215	2·0	220	2·0	225	2·3	275	3·3	300	4·6	310	3·9	325	3·6	330	3·0
22	—	1·0	—	1·3	—	0·7	—	0·3	—	0·7	—	0·3	—	0·0	220	2·0	310	2·0	315	3·3	290	3·6	265	3·9
23	45	2·6	45	3·0	80	4·9	75	5·6	75	5·2	75	4·6	90	5·2	95	3·9	95	3·3	105	2·0	105	3·9	110	3·9
24	—	0·7	—	1·0	—	1·0	165	1·6	235	1·6	220	2·3	220	3·3	225	3·6	225	4·3	210	7·2	210	6·6	205	6·6
25	195	4·6	205	3·3	200	3·3	185	3·9	180	5·6	175	3·9	170	4·9	170	5·2	170	5·6	195	7·9	215	8·9	220	8·5
26	185	3·3	160	2·3	175	2·3	175	2·6	175	3·6	165	5·6	160	5·2	145	3·6	150	6·6	145	4·4	155	4·9	210	5·6
27	235	7·2	230	7·5	240	7·9	240	5·6	225	5·2	220	4·6	215	6·2	215	5·9	205	6·6	185	7·9	175	8·2	170	6·9
28	215	8·2	215	7·5	205	7·2	210	8·5	225	7·2	225	4·9	200	3·9	265	2·6	270	5·9	265	6·9	245	7·5	240	6·2
29	235	5·2	235	4·3	265	4·3	275	3·9	265	1·6	265	2·0	280	2·6	280	3·6	280	4·6	285	5·2	270	3·6	265	4·3
30	250	4·6	255	4·3	255	5·2	265	4·9	250	3·9	240	4·3	225	5·9	220	5·2	215	4·3	210	5·2	220	4·6	235	4·9
Mean ..	—	3·0	—	3·0	—	3·1	—	3·2	—	3·1	—	3·0	—	3·4	—	3·6	—	4·3	—	5·0	—	5·1	—	5·0

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 5 metres + 20 metres.

March, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
260	7·2	270	7·2	265	6·6	270	4·6	275	4·3	270	2·3	260	2·6	235	3·6	—	1·3	235	2·0	235	2·0	—	1·0	5·2	1
230	6·2	230	4·6	200	3·6	185	5·9	175	3·9	175	3·0	175	3·9	175	2·0	—	1·3	175	1·6	175	3·0	175	3·6	3·9	2
225	5·9	230	4·9	210	6·2	210	4·9	210	4·9	205	3·9	190	3·9	190	4·3	190	3·3	190	2·0	190	2·6	210	3·3	4·2	3
285	5·6	285	5·6	285	5·2	285	5·2	285	3·3	290	2·0	290	1·6	—	1·0	—	1·0	—	1·0	—	1·0	295	2·0	3·0	4
200	4·6	185	5·2	195	5·9	190	5·9	185	6·2	185	3·0	185	1·6	185	2·0	185	3·3	185	2·3	185	2·3	185	2·3	2·4	5
90	3·3	105	2·2	—	1·1	30	2·9	30	2·2	30	2·2	40	2·2	55	2·2	90	2·9	90	4·0	95	3·3	90	2·9	2·6	6
—	1·0	170	2·0	145	2·6	95	3·9	90	4·3	90	3·0	90	2·6	90	3·0	90	4·9	90	4·3	110	2·3	130	2·0	2·5	7
185	5·6	175	5·6	175	5·6	180	5·6	185	3·6	180	2·3	170	2·3	170	2·6	170	2·3	170	1·6	—	1·3	—	1·0	2·7	8
160	4·6	175	3·9	170	4·3	180	3·6	165	2·6	170	2·3	155	3·0	155	1·6	—	1·3	—	1·0	—	0·7	—	0·7	2·2	9
95	4·6	85	5·2	75	5·9	75	4·9	75	4·9	75	6·2	75	5·6	75	4·3	75	2·6	75	2·3	75	3·0	75	2·6	2·9	10
115	5·2	115	5·2	115	5·6	115	5·2	110	4·3	95	3·6	95	3·6	95	3·6	95	3·0	95	3·0	95	3·0	95	2·6	2·9	11
95	5·9	95	6·6	95	7·2	95	7·9	95	7·9	90	7·2	95	6·2	95	5·6	95	3·0	95	3·6	95	3·3	95	3·9	4·2	12
80	8·9	80	8·2	70	8·9	75	8·5	75	9·2	80	8·9	85	7·5	85	6·9	90	6·2	90	5·2	90	4·6	90	2·3	5·7	13
85	5·6	85	5·9	80	6·6	75	6·9	80	4·9	85	3·9	85	3·6	85	3·3	85	2·3	—	1·0	—	0·7	—	1·3	3·6	14
205	2·3	255	1·6	270	1·6	—	0·7	—	0·3	—	0·7	250	2·0	230	1·6	230	2·3	230	2·0	—	1·0	230	2·0	**1·0**	15
335	5·2	355	6·2	360	6·9	360	5·9	5	4·9	35	5·2	40	4·6	45	3·9	45	2·6	45	2·0	45	1·6	—	1·3	3·0	16
10	2·6	360	2·3	360	2·3	355	2·6	355	2·0	360	1·6	—	0·7	—	1·3	20	2·6	60	3·6	75	2·3	—	1·0	1·7	17
325	1·6	330	2·0	—	1·0	—	1·0	—	0·3	—	0·7	235	2·6	220	2·3	—	1·3	220	1·6	—	1·0	—	0·7	1·3	18
220	4·6	230	2·6	220	2·3	—	1·0	—	0·7	—	0·0	—	0·3	—	0·7	—	0·3	—	0·3	—	1·3	45	4·3	1·4	19
85	11·5	95	10·2	80	9·5	70	9·5	75	8·5	70	9·2	80	7·9	75	7·9	80	8·9	75	7·9	80	8·5	80	8·9	**7·9**	20
320	2·0	310	2·3	290	3·0	280	3·6	270	3·0	270	2·0	—	1·3	—	1·0	—	0·7	—	0·7	—	0·3	—	0·7	3·6	21
215	8·5	215	7·5	220	7·5	220	6·2	220	6·6	210	5·2	210	2·6	200	3·3	195	2·6	195	2·0	180	2·3	170	3·3	3·8	22
225	9·2	220	7·9	220	8·5	215	7·5	210	6·6	210	6·2	210	6·9	215	6·9	215	7·9	210	6·2	220	8·5	225	7·5	6·1	23
220	7·9	225	6·6	240	6·6	225	5·9	210	3·9	210	3·9	210	3·9	210	2·3	—	1·3	—	1·0	—	0·7	—	0·3	5·5	24
360	1·6	350	1·6	—	1·0	350	1·6	350	1·6	350	1·6	350	2·0	10	2·0	55	2·6	55	2·0	55	2·0	90	2·3	1·6	25
80	6·6	70	5·2	65	5·9	60	5·9	65	5·9	60	6·2	55	6·2	50	5·2	55	6·2	60	6·6	50	6·9	55	6·6	5·8	26
55	5·6	55	6·6	45	5·9	55	6·2	40	6·6	50	6·6	60	6·9	50	6·6	50	7·2	50	6·2	40	5·6	35	5·2	6·4	27
65	9·2	70	8·5	70	7·9	65	6·6	75	6·9	65	7·2	60	8·5	55	6·6	55	6·6	45	5·9	50	5·6	50	4·6	7·0	28
55	8·5	55	7·9	50	8·2	50	8·5	60	9·5	60	8·9	60	8·9	55	6·6	40	7·2	40	6·6	45	5·6	45	5·2	7·0	29
40	6·9	45	6·9	45	7·2	45	6·6	55	6·2	65	6·9	60	6·6	55	4·3	55	3·6	55	3·0	55	3·0	55	3·0	5·8	30
45	5·6	50	5·6	40	5·6	25	5·2	40	5·6	25	6·6	25	5·9	20	4·9	20	3·9	20	3·3	20	2·6	20	2·6	4·1	31
—	**5·6**	—	5·3	—	5·4	—	5·2	—	4·7	—	4·3	—	4·1	—	3·7	—	3·4	—	3·1	—	3·0	—	2·9	3·9	—

April, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s	
40	5·9	50	7·2	55	7·9	45	8·5	55	8·2	55	8·2	50	6·2	40	5·9	35	4·9	30	4·3	35	4·6	30	4·6	5·1	1
45	8·2	40	7·9	45	9·2	45	8·2	45	8·2	45	6·9	55	8·5	40	7·5	50	7·9	45	6·9	40	6·6	40	5·9	6·9	2
45	7·9	50	7·9	45	8·2	45	7·2	45	7·9	40	6·9	40	5·6	45	5·6	50	5·6	50	5·6	40	4·3	40	3·9	6·4	3
55	5·6	55	3·6	55	4·9	65	4·9	75	4·6	115	2·3	85	5·2	70	6·2	65	5·9	50	4·9	50	4·6	50	3·9	4·4	4
65	4·9	60	4·9	55	4·9	90	4·9	100	4·6	95	4·3	90	2·3	90	2·0	—	1·3	—	0·3	—	1·0	—	0·7	3·9	5
80	4·3	75	3·3	85	2·6	90	2·0	90	1·6	—	1·3	—	0·7	—	0·3	—	0·3	—	1·3	—	1·3	—	1·3	1·8	6
265	5·2	265	3·9	270	4·9	270	4·9	265	3·3	240	2·6	250	3·6	250	3·0	225	2·6	220	3·0	220	2·0	210	3·0	2·7	7
270	5·6	275	5·6	265	4·9	265	4·3	280	4·3	275	3·3	275	3·0	265	2·6	265	2·6	275	1·6	—	0·7	—	1·0	3·0	8
305	5·2	250	4·7	265	5·5	310	4·3	315	3·9	240	1·6	295	3·0	280	1·6	—	1·0	270	3·0	270	1·6	—	0·7	2·6	9
145	2·3	135	1·6	170	2·3	145	3·9	—	1·0	180	1·6	—	0·3	—	0·3	—	1·3	250	2·3	255	1·6	—	1·0	1·8	10
360	5·2	360	4·3	5	4·3	10	2·3	—	1·3	—	1·0	30	2·0	—	1·3	—	1·3	—	1·3	170	1·6	170	2·3	2·7	11
270	4·9	270	4·3	255	7·9	250	6·2	250	6·6	255	4·3	245	5·6	245	3·6	265	3·3	265	3·6	260	3·9	265	3·9	4·4	12
215	4·6	210	6·6	210	6·6	200	7·5	195	6·6	175	4·3	165	4·9	160	4·6	165	4·3	165	3·3	175	3·9	190	5·6	4·2	13
185	9·8	200	10·8	200	11·5	200	9·2	200	7·2	205	5·2	225	4·3	260	3·6	270	2·6	—	1·0	—	1·3	—	0·3	7·1	14
360	4·6	5	4·3	10	4·6	360	3·9	5	4·9	15	3·6	25	1·6	—	1·0	—	1·0	—	0·7	—	0·3	—	0·7	2·6	15
300	5·2	290	5·6	290	4·6	290	4·3	295	3·3	305	2·3	—	0·7	—	0·7	245	1·6	—	1·0	—	1·0	—	0·7	2·3	16
345	2·3	335	2·0	275	1·6	—	1·3	—	1·0	120	2·6	145	2·0	165	2·0	165	2·3	—	1·0	170	2·0	170	2·3	**1·7**	17
225	5·6	220	6·2	220	5·9	245	4·9	240	5·6	230	3·9	225	3·6	215	3·9	215	3·9	215	3·3	215	2·0	215	3·0	3·3	18
260	5·2	260	4·9	255	5·2	265	4·9	250	3·6	245	3·0	265	2·0	265	2·0	255	2·0	245	1·6	—	0·7	—	1·3	3·4	19
325	2·6	320	3·6	320	3·9	320	3·3	325	2·6	330	2·0	—	1·0	—	1·3	—	0·7	—	1·3	—	1·0	—	1·0	1·8	20
325	3·3	320	3·3	325	3·3	310	3·6	305	3·6	300	3·6	10	5·6	55	5·6	60	4·9	70	3·6	65	2·6	75	1·6	3·2	21
285	4·3	315	3·6	325	3·3	335	2·3	340	2·3	355	3·3	360	3·9	360	3·3	350	2·3	—	1·3	10	3·0	45	2·3	2·3	22
115	3·6	120	3·3	105	3·3	120	3·9	100	4·3	80	4·6	90	4·6	80	3·6	70	3·6	75	2·6	70	2·0	—	1·3	3·7	23
210	6·6	205	7·9	205	8·5	200	6·9	190	7·9	195	6·6	200	7·2	190	6·2	190	5·6	185	4·9	180	5·2	190	4·3	4·8	24
220	7·5	220	7·9	220	8·2	210	6·9	200	8·5	195	6·6	195	4·3	185	3·6	185	3·3	185	3·3	185	3·0	190	3·0	5·5	25
205	3·3	205	6·2	205	6·2	200	7·2	200	7·5	200	7·2	210	6·6	205	5·2	185	3·0	200	4·6	205	5·6	230	6·6	4·9	26
155	6·9	170	9·2	180	10·2	205	8·2	210	10·8	225	7·5	250	9·8	250	9·5	250	7·9	240	7·5	230	7·5	220	7·9	**7·6**	27
245	6·2	240	6·9	240	7·9	235	5·9	235	7·5	235	6·2	240	6·2	240	4·9	240	5·9	235	5·9	235	6·2	230	4·9	6·1	28
260	3·0	230	3·0	230	3·3	225	3·9	220	4·6	225	3·9	—	0·7	—	1·3	150	1·6	155	1·6	235	3·0	245	5·2	3·3	19
225	4·9	230	2·6	240	3·9	245	4·6	245	6·2	250	5·6	260	5·9	270	4·3	285	3·9	305	3·0	300	2·6	305	2·0	4·5	30
—	5·2	—	5·2	—	**5·7**	—	5·1	—	5·1	—	4·2	—	4·0	—	3·5	—	3·3	—	3·0	—	2·9	—	**2·9**	3·9	—

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.

Direction expressed in degrees from North (E=90°, S=180°, W=270°, N=360°) : Speed in metres per second.

456. Richmond (Kew Observatory) : H_a (height of cups of anemograph above M.S.L.)=Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	345	2·3	5	2·3	—	1·0	—	0·3	—	0·7	—	0·3	—	0·3	—	0·3	—	1·3	—	1·0	—	1·3	—	1·0
2	—	1·0	—	1·0	—	1·3	195	1·6	190	1·6	185	2·6	190	3·0	185	2·6	185	3·9	215	5·2	245	4·9	255	3·9
3	220	3·3	235	1·6	215	3·6	215	3·6	225	2·3	225	2·3	240	2·3	250	1·6	275	2·6	285	2·3	285	4·6	300	3·6
4	275	2·6	285	2·6	310	2·3	305	1·6	—	1·3	265	1·6	270	2·0	270	2·0	245	2·0	265	2·3	275	3·3	275	3·3
5	270	2·6	270	2·3	250	2·3	235	2·6	230	3·0	245	3·3	245	3·9	275	4·6	270	5·6	260	7·5	255	5·1	265	4·6
6	240	2·0	230	2·3	225	1·6	215	1·6	200	2·6	200	3·9	205	5·2	215	6·6	225	5·9	220	5·6	205	5·9	200	6·6
7	—	0·7	—	0·3	—	0·7	—	1·0	—	1·3	—	1·3	265	2·6	275	3·6	275	3·6	280	4·3	265	4·3	250	4·3
8	220	3·3	225	3·6	220	4·6	215	5·2	215	6·2	215	6·9	225	6·6	235	7·2	235	7·2	240	8·2	245	5·9	235	5·9
9	270	3·9	265	3·0	275	3·9	270	2·6	260	2·0	265	2·0	285	3·6	295	3·0	295	3·6	290	4·3	260	3·3	255	3·0
10	180	3·9	180	4·6	180	4·6	185	3·9	185	4·6	185	4·6	195	5·9	195	7·2	195	7·5	200	9·2	200	9·5	195	7·5
11	215	4·6	220	4·3	225	3·3	225	3·0	225	3·3	230	4·3	240	4·6	250	5·2	245	5·2	255	4·9	240	5·9	245	5·9
12	125	2·6	130	2·0	165	2·0	—	1·3	—	1·3	245	1·6	290	3·0	300	3·0	320	3·6	310	3·6	310	2·6	300	2·3
13	205	3·3	205	3·3	210	4·3	190	3·6	190	3·6	190	4·3	200	6·6	200	6·9	210	6·9	215	9·2	215	8·5	220	7·2
14	—	1·0	—	1·0	110	2·0	—	0·7	345	1·6	50	2·0	80	3·3	125	1·6	185	3·3	205	3·3	225	4·6	195	4·9
15	—	1·3	—	0·7	—	1·0	270	1·6	—	1·3	—	1·0	—	1·0	—	0·7	—	0·7	245	1·6	260	2·0	—	1·3
16	240	1·6	245	2·6	225	2·0	220	3·0	235	2·3	240	2·6	255	4·6	260	4·3	270	4·6	260	6·2	260	5·9	275	5·9
17	—	0·7	—	0·7	—	0·7	—	0·7	—	0·7	—	0·7	—	0·0	140	2·0	150	2·0	190	1·6	170	2·0	150	2·3
18	75	4·3	65	2·3	55	3·9	60	4·6	60	3·9	55	2·6	65	4·9	65	4·6	70	3·9	70	3·9	60	4·6	65	5·9
19	90	2·0	—	0·7	—	1·0	—	1·0	—	1·3	215	2·6	205	4·9	210	4·3	220	2·6	210	3·6	—	1·3	—	0·7
20	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·7	—	0·7	—	1·0	—	0·7	—	1·3	80	3·3	80	3·3
21	—	1·3	—	0·7	—	0·0	—	0·3	—	0·3	—	1·0	—	1·0	140	2·3	155	3·3	180	3·9	190	4·3	175	4·9
22	190	2·3	185	2·3	185	2·3	185	3·3	185	3·0	195	3·6	210	3·9	200	5·9	205	5·9	200	6·9	205	6·6	205	6·9
23	215	3·3	215	3·9	210	3·9	215	4·3	220	3·9	220	5·6	220	6·6	220	7·5	225	6·9	205	9·5	210	8·5	190	7·9
24	215	2·6	195	2·3	180	2·0	165	2·0	125	2·0	110	2·6	125	3·9	135	3·6	145	2·6	175	6·9	185	9·2	190	8·2
25	200	4·9	200	4·3	200	5·2	195	4·6	195	4·6	200	5·9	205	6·2	210	5·9	210	6·6	220	5·2	220	6·6	240	4·3
26	225	2·6	235	2·3	235	1·6	235	1·6	235	2·3	235	2·0	245	2·0	270	3·0	285	2·3	250	3·6	270	3·9	275	3·6
27	—	1·0	225	1·6	195	2·3	195	2·0	—	1·3	205	3·6	205	4·6	210	4·6	220	4·6	225	6·2	220	5·6	215	4·9
28	—	1·0	—	0·7	—	0·7	—	0·3	—	0·7	—	0·3	—	0·3	—	0·3	—	0·7	145	2·0	165	2·6	140	2·6
29	55	3·0	45	3·0	45	2·6	45	3·0	45	2·6	45	3·3	45	3·6	50	3·3	50	3·0	80	7·2	75	6·9	70	6·2
30	220	3·9	220	3·3	230	3·9	215	4·9	220	4·9	225	4·9	235	4·9	245	4·6	245	3·9	255	3·6	265	3·6	250	3·3
31	350	2·0	345	1·6	85	3·0	85	3·9	75	3·9	80	3·3	80	3·0	80	3·6	90	3·9	135	3·6	100	1·6	100	3·3
Mean ...	—	2·4	—	2·2	—	2·4	—	2·4	—	2·4	—	2·8	—	3·5	—	3·8	—	3·9	—	4·8	—	4·8	—	4·5

457. Richmond (Kew Observatory) : H_a=5 metres+20 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	210	5·6	225	6·2	225	6·6	215	6·6	210	7·9	215	7·5	215	8·9	215	9·2	220	8·9	225	9·5	220	9·8	220	9·5
2	45	3·0	45	3·3	45	2·3	40	2·0	35	2·0	35	2·0	50	1·6	—	0·7	—	1·0	145	2·6	—	1·3	—	1·0
3	20	1·6	15	2·3	—	1·3	—	0·7	15	1·6	—	1·0	—	0·7	—	1·0	—	1·3	190	2·3	230	2·3	215	2·6
4	205	1·6	205	1·6	—	1·3	205	2·0	230	2·0	210	2·0	210	2·3	—	1·3	—	1·3	—	1·0	185	3·6	180	3·0
5	50	4·3	50	3·3	45	4·6	35	3·9	35	4·3	25	3·6	25	4·6	30	3·9	40	4·9	65	6·2	75	4·3	90	3·9
6	—	0·7	—	0·7	—	0·0	—	1·0	—	1·0	—	1·0	—	1·3	150	3·0	170	3·6	165	4·9	165	4·9	165	4·6
7	—	1·0	—	0·0	—	1·0	—	0·7	—	0·3	—	1·0	—	0·7	—	1·0	—	1·0	—	1·3	175	2·0	180	3·6
8	195	1·6	225	3·0	210	3·0	220	3·0	220	2·6	255	3·6	240	4·9	245	5·2	260	4·3	270	6·9	255	6·2	255	5·6
9	230	3·6	235	4·6	245	4·3	245	4·6	245	3·9	240	3·6	235	3·6	240	4·6	245	4·3	265	4·6	265	3·9	270	3·6
10	—	1·0	225	2·0	210	3·9	195	2·6	200	3·3	215	3·9	220	4·3	220	4·3	235	5·6	245	5·6	235	6·2	215	6·9
11	190	5·9	195	5·6	195	7·2	195	5·6	185	5·2	180	5·9	185	5·9	195	6·6	185	5·2	195	3·3	200	3·6	200	4·3
12	195	2·3	190	2·3	190	2·3	190	2·3	190	1·6	190	2·0	185	2·6	190	2·3	190	2·0	245	2·6	—	1·3	55	2·3
13	5	4·6	360	4·6	355	4·6	350	3·9	350	4·6	350	4·3	350	3·9	345	5·9	350	6·2	350	8·5	350	6·9	350	7·5
14	10	3·9	5	3·3	345	2·0	330	2·0	345	2·0	350	3·3	350	3·6	350	2·6	350	2·3	20	2·6	10	2·6	10	2·3
15	—	0·7	—	1·0	—	1·0	215	2·0	230	2·3	240	2·0	250	2·0	235	1·6	260	1·6	250	2·0	255	2·3	260	3·0
16	—	0·7	—	1·0	—	0·7	—	1·0	—	0·3	—	1·3	—	0·3	—	0·7	—	1·3	190	3·0	170	3·0	175	3·0
17	85	3·9	85	3·3	85	4·3	85	5·2	90	4·6	90	3·3	85	3·6	95	4·9	100	4·9	100	4·9	130	3·9	85	5·6
18	230	1·6	—	1·3	—	1·3	230	1·6	195	2·3	180	3·0	180	3·6	185	4·3	205	4·9	195	6·9	190	5·2	190	5·9
19	—	0·7	—	0·3	—	0·7	—	0·7	—	0·3	—	0·3	195	1·6	225	2·6	250	2·6	235	3·6	230	4·9	230	4·6
20	235	1·6	270	1·6	—	1·0	—	0·3	—	0·7	—	1·0	—	0·7	—	1·3	—	1·0	—	1·3	—	1·0	335	2·0
21	—	1·3	—	0·7	270	1·6	—	1·0	260	1·6	—	1·0	285	2·0	295	2·3	285	2·6	260	2·3	240	3·3	255	2·6
22	—	1·0	—	1·3	—	1·0	—	1·0	—	1·3	—	1·0	340	2·0	15	2·6	15	3·0	360	3·3	5	3·0	350	3·3
23	—	0·7	—	0·7	—	0·3	—	0·3	—	0·7	—	0·7	—	0·0	—	0·7	—	1·0	265	1·6	275	2·3	280	2·3
24	—	1·0	—	1·0	—	1·3	255	2·0	245	1·6	245	2·0	280	2·6	270	3·6	265	3·0	270	3·3	270	3·0	270	2·6
25	265	1·6	250	1·6	250	2·0	—	1·3	255	2·0	280	2·0	295	2·6	275	2·3	275	2·0	275	2·0	270	2·6	275	2·6
26	—	0·7	—	1·0	270	1·6	270	1·6	—	1·3	255	1·6	280	1·6	290	1·6	270	1·6	235	3·3	235	3·3	235	3·3
27	220	3·6	220	3·3	225	3·6	245	3·3	270	3·6	280	3·9	245	2·6	250	3·3	295	3·3	300	2·6	310	3·3	310	3·0
28	360	2·3	350	2·6	—	1·3	—	1·3	—	0·7	—	1·3	340	3·3	355	3·3	330	3·0	310	2·6	270	3·3	270	4·3
29	230	4·3	230	4·3	215	4·9	235	4·6	235	4·6	225	5·2	240	6·6	240	5·9	240	6·6	240	6·2	250	7·2	240	7·2
30	235	3·3	235	3·0	230	3·0	245	2·3	250	2·6	245	3·9	245	4·3	265	4·9	260	4·9	250	7·2	265	5·6	255	4·6
Mean ...	—	2·3	—	2·4	—	2·5	—	2·3	—	2·4	—	2·6	—	2·9	—	3·3	—	3·3	—	3·9	—	3·9	—	4·0
G.M.T.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L.+h_a (height of anemograph above ground) = 5 metres + 20 metres.

May, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
315	2·3	285	2·0	305	3·6	—	1·0	—	1·0	—	0·3	—	1·0	—	1·3	245	1·6	245	1·6	245	2·0	—	1·0	**1·3**	1
250	3·6	230	5·2	215	6·6	210	7·9	210	8·5	215	5·9	215	5·9	210	4·9	205	4·9	215	3·9	220	4·3	220	3·3	4·0	2
315	3·3	305	4·3	315	4·3	270	3·3	270	3·6	250	3·3	235	3·6	240	2·0	330	3·3	325	3·3	315	1·6	285	1·6	3·0	3
250	3·3	—	1·0	260	2·6	195	3·3	210	3·6	185	2·3	240	2·6	—	1·3	200	1·6	235	2·6	230	2·3	255	2·3	2·3	4
250	7·2	285	7·9	290	6·2	280	6·2	265	6·9	270	5·9	260	4·6	250	3·0	230	3·6	235	3·0	235	3·6	240	2·6	4·5	5
210	5·6	205	5·2	210	5·2	210	4·9	200	3·3	—	1·0	225	1·6	185	1·6	—	0·7	—	1·3	—	0·7	—	0·3	3·4	6
240	4·9	270	4·6	225	6·9	215	5·9	250	5·6	250	5·9	270	5·9	265	3·9	235	3·9	230	3·3	230	3·9	215	3·9	3·5	7
250	5·9	260	6·9	270	6·6	295	4·9	285	3·0	260	3·6	270	4·3	270	3·6	265	3·3	255	3·0	250	3·6	260	3·3	5·1	8
260	2·6	240	2·6	220	3·9	215	5·2	220	5·2	215	5·2	215	4·3	200	3·9	190	4·3	190	3·9	185	4·3	175	4·3	3·6	9
185	6·2	185	4·9	180	6·6	185	5·9	185	5·2	185	5·6	190	4·6	195	4·3	200	3·3	190	3·0	185	3·3	210	4·6	5·4	10
240	6·9	225	7·2	215	7·5	215	7·2	205	6·6	200	4·9	185	2·6	185	3·0	165	3·0	130	3·0	125	4·6	120	3·6	4·8	11
280	2·6	245	2·3	230	3·9	220	3·6	220	4·3	210	4·6	205	3·6	190	2·6	185	3·0	160	2·0	140	2·0	175	3·0	2·8	12
215	8·5	215	7·2	220	5·9	215	6·6	215	4·6	205	4·3	190	3·6	185	2·0	—	1·0	—	0·7	—	1·0	—	0·7	4·8	13
195	5·9	200	5·9	220	6·2	220	4·6	225	3·9	270	3·9	255	2·6	240	2·0	235	2·0	235	1·6	240	2·0	255	1·6	3·0	14
—	1·0	—	1·0	—	1·3	—	0·7	295	2·6	290	2·3	305	2·3	300	2·0	—	1·3	265	1·6	250	1·6	240	1·6	1·4	15
265	5·9	260	4·9	270	4·3	270	3·6	280	3·9	275	3·3	280	3·0	275	2·0	—	1·3	270	1·6	—	0·7	—	1·3	3·4	16
170	2·6	160	3·6	155	3·3	150	3·0	150	3·3	145	2·6	85	4·9	80	4·3	85	5·2	80	4·3	80	5·2	75	4·9	2·5	17
75	7·9	80	6·9	80	6·9	80	5·9	55	3·9	65	5·6	75	6·2	80	3·6	55	2·3	60	3·6	80	5·6	70	2·6	4·6	18
—	1·3	195	2·0	170	2·3	170	4·9	195	3·6	255	2·6	—	1·0	—	0·7	—	0·3	—	0·7	—	0·3	—	1·3	2·0	19
90	5·9	90	5·6	80	5·9	75	5·6	80	5·9	90	3·6	95	2·6	115	2·3	165	2·6	—	1·3	—	1·0	—	1·3	2·3	20
170	5·2	170	5·2	175	3·9	170	5·2	175	3·9	155	3·0	150	2·0	210	2·0	—	1·3	185	2·3	195	3·3	190	2·3	2·6	21
210	8·2	210	6·6	210	6·6	215	7·5	215	5·6	210	4·9	200	5·9	215	4·6	220	6·2	220	3·9	220	3·0	215	3·3	4·9	22
195	8·5	200	7·2	200	9·5	200	9·5	195	6·9	190	6·9	190	7·2	200	5·9	200	5·9	210	4·9	215	3·6	220	2·6	**6·3**	23
230	7·5	250	7·5	260	6·9	245	5·6	220	5·9	205	6·9	200	6·6	195	5·6	195	6·2	200	5·9	200	5·2	205	5·2	5·1	24
260	6·9	245	6·2	250	6·2	245	4·3	265	4·9	260	5·2	260	4·9	235	3·0	240	2·6	220	2·6	230	3·3	225	2·0	4·9	25
275	3·3	250	3·0	270	3·3	240	3·3	260	3·6	255	2·6	250	2·0	235	2·3	—	1·3	230	1·6	230	1·6	—	1·3	2·5	26
220	5·6	225	3·6	215	4·3	205	4·6	205	4·6	210	3·9	185	3·6	185	2·6	185	1·6	—	1·3	185	1·6	—	0·3	3·3	27
105	2·3	115	3·0	95	4·3	95	5·2	85	5·6	70	6·2	80	5·2	85	5·9	75	3·0	60	4·6	60	4·3	65	4·6	2·7	28
80	6·6	90	4·3	95	4·9	85	6·6	80	5·6	85	4·6	110	7·5	215	4·6	—	1·3	140	1·6	195	3·3	215	2·3	4·3	29
235	3·3	220	3·0	220	2·3	220	2·0	—	1·3	—	0·3	—	0·3	185	2·0	—	1·0	—	1·0	155	1·6	80	3·0	2·5	30
115	3·0	80	4·9	70	6·2	75	4·9	95	4·3	90	3·6	85	2·3	90	1·6	—	1·3	—	1·3	—	1·0	210	4·6	3·1	31
—	**5·0**	—	4·7	—	5·1	—	4·9	—	4·5	—	4·0	—	3·8	—	3·1	—	2·7	—	2·6	—	2·7	—	2·6	3·5	

June, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
225	9·5	225	8·5	270	5·6	250	4·6	265	4·3	265	4·3	270	3·3	290	2·6	355	1·6	—	0·7	—	0·0	360	1·0	**6·0**	1
210	1·6	210	1·6	205	2·6	210	3·3	270	3·6	325	2·0	—	0·3	—	1·3	320	3·3	5	3·3	5	3·3	20	1·6	2·1	2
220	2·3	225	3·3	230	3·6	225	3·6	230	3·0	235	3·0	230	3·0	225	2·0	225	2·0	215	1·6	—	1·3	225	2·3	2·1	3
180	3·3	150	1·6	150	2·6	130	2·6	110	3·3	100	3·9	90	3·6	80	4·3	90	4·9	80	5·6	70	3·3	60	3·3	2·7	4
90	3·6	90	3·0	85	2·6	120	2·0	120	2·3	130	2·0	125	3·0	120	2·6	115	1·6	—	1·0	—	0·7	—	0·3	3·3	5
165	4·6	180	5·2	180	5·6	180	4·9	180	3·9	180	3·6	170	3·9	180	2·6	180	3·3	205	1·6	—	1·3	—	1·3	2·8	6
195	3·9	185	3·3	175	2·6	170	2·3	180	2·6	170	2·0	165	1·6	—	1·3	240	2·6	190	2·0	—	0·7	—	0·3	1·6	7
275	4·9	255	5·9	250	7·2	290	5·6	265	4·9	265	5·2	255	3·9	250	4·3	240	4·3	240	3·6	235	3·9	230	3·3	4·4	8
265	3·9	265	4·3	265	4·3	270	3·0	270	3·6	225	3·6	220	3·6	220	3·3	215	3·3	215	3·0	210	2·6	270	3·0	3·8	9
215	6·6	220	5·6	225	7·9	220	5·9	215	6·2	205	5·9	200	5·2	195	4·9	190	3·9	195	4·6	195	5·2	190	4·6	4·8	10
195	4·3	200	4·6	210	6·6	215	6·6	215	6·9	210	7·5	205	5·6	205	4·6	195	3·9	185	3·6	195	3·0	200	3·3	5·2	11
60	2·0	—	1·0	—	1·3	360	3·0	340	2·3	20	1·6	15	2·0	10	3·3	360	3·6	360	4·3	360	3·9	5	3·9	2·4	12
350	6·6	355	6·2	355	6·2	355	6·2	355	6·6	10	5·6	10	4·6	10	4·6	10	3·9	5	3·6	5	3·6	5	4·9	5·3	13
360	2·0	—	1·3	—	1·3	—	1·3	—	0·7	—	0·7	—	0·0	—	0·7	100	1·6	—	0·3	—	1·0	—	1·3	1·9	14
280	2·6	285	3·3	290	3·3	310	3·3	305	3·6	305	3·0	—	1·3	—	1·3	—	1·0	—	1·3	240	1·6	—	1·3	2·0	15
185	3·0	190	2·6	185	3·3	170	2·0	185	3·0	135	3·9	120	3·9	100	3·3	95	3·9	105	3·6	100	3·3	95	3·9	2·3	16
100	5·2	125	4·9	130	5·2	130	4·9	140	4·9	130	3·6	115	2·6	135	3·3	200	4·9	220	3·9	220	3·3	235	2·6	4·3	17
185	6·9	190	5·6	190	5·2	200	5·2	205	3·6	200	2·6	210	1·6	—	1·0	—	1·0	190	3·3	175	3·6	125	1·6	3·5	18
230	4·6	235	5·2	245	4·6	245	5·2	245	4·6	250	3·9	240	2·6	240	2·0	240	1·6	235	1·6	—	0·7	—	0·0	2·5	19
335	2·0	295	1·6	320	2·0	325	2·3	325	2·3	315	3·3	245	2·3	265	2·3	270	1·6	—	1·3	270	1·6	—	1·3	**1·5**	20
250	3·0	240	2·6	255	2·3	245	3·9	250	3·9	250	3·6	245	3·3	245	2·0	310	2·6	—	1·0	—	1·0	—	0·7	2·2	21
335	3·0	340	3·3	340	2·6	335	1·6	350	2·6	345	2·3	335	2·0	—	1·3	—	0·0	—	0·3	—	0·7	—	0·3	1·8	22
260	2·6	270	2·0	270	3·3	280	3·0	270	3·3	290	2·3	290	2·3	295	1·6	285	1·6	—	1·3	—	1·3	—	1·0	1·5	23
305	3·0	280	3·3	285	3·0	300	3·0	295	3·9	275	2·6	280	3·0	275	1·6	—	1·0	—	1·3	—	0·7	270	1·6	2·3	24
305	2·6	295	2·3	280	2·6	280	2·3	295	2·0	295	1·6	285	1·6	—	1·3	—	1·3	—	1·0	—	0·7	—	1·3	1·9	25
245	3·9	250	4·9	240	4·6	210	5·6	225	4·9	225	4·6	230	3·6	220	3·3	215	2·6	220	2·3	240	2·6	235	3·3	2·8	26
290	2·0	265	2·0	255	2·3	300	1·6	325	3·0	15	4·6	20	3·9	10	3·0	5	3·0	360	3·0	360	3·3	360	2·6	3·1	27
275	3·9	280	4·3	265	3·6	275	4·3	270	4·9	270	3·6	275	4·3	270	3·6	240	2·3	230	3·0	225	3·6	225	4·6	3·1	28
240	7·2	240	6·9	240	7·2	230	7·2	225	7·2	220	7·2	225	6·6	220	5·6	220	5·6	220	5·6	225	4·3	240	3·3	5·9	29
265	4·6	275	4·6	270	4·9	270	4·6	270	4·6	300	3·9	335	4·9	330	2·0	—	1·0	—	1·3	—	0·7	—	0·3	3·7	30
—	4·0	—	3·8	—	4·0	—	3·8	—	3·9	—	3·6	—	3·1	—	2·7	—	2·6	—	2·5	—	2·2	—	**2·1**	3·1	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E=90°, S=180°, W=270°, N=360°) : Speed in metres per second.

458. Richmond (Kew Observatory) : H_a (height of cups of anemograph above M.S.L.)=Height of ground above

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	1·3	—	1·0	265	1·6	—	1·3	—	0·3	—	1·3	—	1·0	—	0·7	325	1·6	290	2·0	230	2·0	250	2·3
2	195	2·3	185	2·3	185	2·6	185	2·0	200	4·3	210	5·2	205	5·2	205	5·6	225	5·9	220	7·9	245	6·2	245	6·2
3	210	4·6	210	3·9	210	4·6	205	3·3	200	4·3	195	3·9	200	5·2	210	5·9	215	6·9	205	7·9	195	7·9	190	8·2
4	235	6·9	240	5·6	225	5·6	220	6·2	225	6·6	225	6·6	230	7·2	225	7·5	230	4·6	215	8·9	215	6·9	215	8·5
5	220	5·9	220	5·2	220	4·3	225	3·9	225	4·3	225	5·2	230	5·9	240	6·6	240	6·6	220	7·2	235	5·9	215	7·9
6	200	7·2	210	6·2	220	6·6	220	6·2	215	7·5	225	7·2	245	6·9	240	8·2	250	5·6	255	6·2	260	6·9	260	6·6
7	210	3·6	205	2·3	220	2·6	210	3·6	205	4·3	210	5·6	220	5·6	220	6·9	220	5·9	230	6·9	250	5·2	245	6·2
8	250	3·0	255	3·9	255	4·9	245	2·6	245	1·6	245	1·6	270	2·3	280	2·0	—	1·3	230	2·6	210	2·0	220	3·0
9	—	1·0	—	0·3	—	0·0	—	1·3	—	1·0	—	0·7	—	0·7	—	0·3	—	0·7	—	0·7	—	1·3	275	1·6
10	—	0·7	—	1·3	—	0·7	—	1·0	—	0·7	—	1·0	—	1·0	—	1·3	225	3·0	240	3·6	235	5·2	220	5·2
11	235	2·0	235	2·0	235	1·6	235	1·6	—	1·3	—	1·3	220	1·6	265	2·3	245	1·6	220	2·3	190	2·3	195	2·0
12	—	1·0	—	0·7	—	0·3	—	0·3	—	1·0	100	2·0	110	3·0	130	4·6	155	4·6	150	5·9	170	6·2	175	6·2
13	265	1·6	260	1·6	250	1·6	250	1·6	250	1·6	245	2·6	245	3·3	245	3·0	245	5·2	260	4·6	255	4·6	250	5·9
14	—	1·3	—	1·0	245	1·6	—	1·3	—	1·3	220	2·0	—	1·3	230	1·6	235	1·6	240	2·3	225	3·3	210	3·0
15	—	0·3	—	0·3	—	0·7	—	0·0	—	0·7	—	0·7	—	1·0	—	1·0	200	2·0	205	3·3	200	3·0	200	3·9
16	—	0·3	—	0·3	—	0·7	—	0·7	—	0·7	—	0·7	—	0·7	260	1·6	275	3·3	280	3·3	275	3·6	275	4·3
17	250	2·3	—	1·3	240	1·6	240	2·0	240	2·0	240	2·3	245	2·3	240	3·0	230	4·3	225	4·6	225	3·9	210	3·9
18	340	5·9	315	3·6	305	3·3	295	3·3	295	4·3	290	3·0	300	3·9	300	4·9	310	5·9	295	4·3	290	5·9	280	6·2
19	225	3·0	225	2·0	220	2·3	220	1·6	230	2·3	245	2·6	255	2·6	265	3·3	280	3·3	260	4·3	260	2·6	245	3·3
20	230	1·6	—	0·7	—	0·7	—	0·0	—	0·3	—	0·3	—	0·3	190	2·0	145	2·0	170	2·0	180	2·0	170	3·0
21	75	5·6	80	4·3	70	4·9	55	3·3	50	2·6	45	2·6	45	1·6	45	4·3	75	3·9	70	5·6	60	4·3	95	3·0
22	—	0·7	—	0·3	—	0·3	—	0·7	—	1·0	—	1·0	—	1·3	—	1·3	360	2·3	360	2·0	45	2·0	40	1·6
23	—	1·3	240	1·6	—	1·3	255	1·6	245	2·6	275	2·3	270	3·0	275	3·0	285	3·0	275	3·6	270	3·3	260	3·6
24	240	5·2	250	3·6	295	3·3	295	3·0	320	3·3	285	4·3	280	4·9	290	5·2	285	6·2	270	6·9	270	5·9	270	5·2
25	240	2·6	260	3·6	260	2·3	265	3·0	265	2·6	275	3·6	290	4·6	305	4·3	300	4·6	290	4·9	280	3·9	280	4·3
26	—	1·3	20	2·3	20	3·3	10	2·0	—	1·3	355	1·6	330	2·0	335	2·3	300	3·6	280	4·6	300	3·3	310	3·3
27	—	1·3	—	1·0	—	0·7	270	1·6	—	1·3	270	1·6	270	2·0	285	3·0	300	2·3	295	2·6	295	2·0	275	3·3
28	175	2·0	175	1·6	165	2·6	160	3·9	160	4·3	155	4·3	155	5·6	140	3·0	150	3·6	170	6·6	170	6·6	165	6·2
29	185	2·0	185	1·6	—	0·7	—	0·7	—	1·3	135	1·6	95	2·3	85	2·3	80	2·3	100	3·6	145	3·0	95	2·3
30	—	0·3	—	1·0	—	1·0	—	0·3	—	0·3	—	1·0	—	1·0	—	1·0	—	0·7	—	0·3	—	1·3	260	1·6
31	230	2·6	230	2·0	230	2·0	225	2·6	225	2·3	225	2·3	235	3·0	245	4·3	245	3·6	235	4·3	235	3·9	235	4·3
Mean ...	—	2·6	—	2·2	—	2·3	—	**2·1**	—	2·4	—	2·7	—	3·0		3·4	—	3·6	—	4·4	—	4·1	—	4·4

459. Richmond (Kew Observatory) : H_a=5 metres+20 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	—	1·3	210	2·6	210	3·0	210	3·0	210	3·3	190	3·0	190	3·6	195	3·6	200	4·6	205	4·9	200	5·6	195	4·3
2	195	3·6	190	3·0	195	3·3	225	3·0	210	4·3	210	3·6	215	3·3	240	4·3	285	5·6	285	6·2	270	4·6	275	5·2
3	260	3·0	265	3·3	270	2·0	260	3·0	260	2·6	270	3·0	290	3·6	290	3·6	270	3·9	265	3·6	270	4·3	265	4·6
4	225	2·0	240	2·3	255	2·6	260	2·6	270	2·6	290	3·3	295	3·0	290	3·6	280	3·9	290	4·3	280	4·3	275	3·3
5	210	2·6	220	2·3	220	3·3	215	3·6	220	3·3	225	4·3	220	4·3	230	4·9	235	4·3	230	5·6	225	6·6	235	5·9
6	235	1·6	235	2·0	235	1·6	—	1·0	260	2·0	270	2·0	—	1·3	—	1·3	—	1·0	—	1·3	245	1·6	210	2·0
7	360	2·3	355	2·0	—	1·3	—	1·3	340	1·6	310	2·0	295	1·6	335	2·6	355	3·3	355	4·3	345	5·2	345	3·9
8	345	2·3	—	1·3	—	1·3	—	1·3	320	1·6	—	1·0	—	1·0	—	1·3	—	1·0	5	2·3	360	2·3	20	2·3
9	—	0·0	—	1·3	—	0·7	—	0·7	—	0·0	—	0·7	—	0·3	—	1·3	—	1·3	230	2·0	200	1·6	215	1·6
10	—	0·3	—	0·3	—	0·3	—	0·3	—	0·7	—	0·3	—	0·3	—	1·3	130	3·0	135	3·9	145	3·3	145	2·6
11	—	0·7	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	120	1·6	180	2·6	190	3·6	185	3·9
12	200	2·0	—	1·3	—	1·3	—	1·3	—	1·0	—	1·0	205	2·0	260	3·3	235	3·9	230	3·6	220	3·9	230	3·0
13	190	2·3	—	1·3	—	0·3	190	1·6	190	1·6	190	2·0	180	2·6	180	3·3	—	1·3	265	2·3	—	1·3	170	2·3
14	—	1·0	—	1·0	—	0·7	—	1·3	—	1·0	—	1·0	255	2·0	250	2·0	225	2·3	225	4·6	230	4·3	220	5·6
15	245	2·0	245	2·6	250	2·3	250	2·3	260	1·6	245	2·6	255	3·9	270	3·9	265	3·9	260	4·3	255	4·9	245	3·6
16	—	1·3	190	1·6	190	1·6	—	1·3	190	1·6	190	2·6	180	3·0	185	4·9	185	5·2	195	5·2	180	5·2	190	6·2
17	215	2·3	215	2·0	220	2·3	220	1·6	—	1·0	210	1·6	190	2·0	170	2·3	165	4·9	175	5·2	175	6·9	195	6·6
18	240	4·9	235	4·9	240	4·9	235	5·6	235	6·9	240	5·9	240	5·6	245	6·9	255	6·2	265	6·6	255	4·6	265	5·6
19	240	2·3	—	1·3	235	2·3	235	2·0	235	2·3	235	1·6	240	2·0	255	3·6	255	2·6	235	3·9	245	4·3	235	3·0
20	220	2·6	220	2·0	220	1·6	—	1·0	—	0·7	—	0·3	—	1·0	195	3·3	200	4·3	200	5·9	200	5·2	205	5·6
21	225	3·0	225	3·3	225	2·6	220	3·3	215	4·3	205	4·9	210	5·9	220	6·6	230	6·9	225	8·2	230	7·5	225	7·2
22	215	3·6	220	3·3	210	4·6	210	4·3	215	3·3	215	3·3	210	4·6	220	4·3	225	4·9	235	4·9	230	4·6	230	4·9
23	200	2·3	200	1·6	200	1·6	200	2·0	200	2·0	200	2·0	225	1·6	250	2·3	260	2·6	230	3·3	230	3·6	245	3·6
24	295	3·0	270	2·0	260	1·6	265	2·3	255	2·6	255	3·3	265	3·0	270	3·0	295	2·3	270	3·9	265	3·9	265	4·3
25	275	3·0	265	2·3	265	2·0	270	2·0	270	2·6	280	1·6	285	2·3	290	3·0	280	3·6	280	4·3	270	4·3	265	3·0
26	—	1·0	—	0·7	—	0·7	—	1·0	—	1·0	—	1·0	—	1·3	—	0·7	—	0·7	255	1·6	225	2·3	250	2·3
27	—	1·0	255	1·6	—	1·3	—	1·0	—	1·3	—	1·3	305	3·0	310	4·3	305	4·3	315	4·3	320	3·9	295	3·9
28	—	0·7	—	0·7	—	1·0	—	1·0	—	1·3	—	1·0	—	1·0	245	1·6	205	2·0	205	3·6	195	3·9	195	3·6
29	200	3·6	190	3·6	185	3·9	190	4·3	190	4·6	185	4·6	185	4·9	185	4·6	185	4·6	210	4·6	265	3·3	215	3·6
30	220	2·3	220	2·6	215	3·3	200	3·0	200	3·0	200	3·3	210	4·3	220	4·3	235	3·6	230	3·9	240	4·6	235	3·3
31	230	1·6	—	1·3	225	2·3	—	1·3	220	2·3	220	3·0	215	4·3	215	3·6	230	3·9	225	4·3	225	4·3	220	5·2
Mean ...	—	2·1	—	**2·0**	—	2·0	—	2·1	—	2·2	—	2·3	—	2·7	—	3·2	—	3·5	—	4·2	—	4·2	—	4·1
G.M.T. ...	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L.)+h_a (height of anemograph above ground) =5 metres+20 metres.

July, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
275	1·6	210	2·6	200	4·3	220	4·3	220	4·9	210	4·9	210	4·6	205	2·6	205	2·6	205	3·0	205	2·3	195	3·3	2·3	1
250	6·2	235	6·9	235	6·9	235	7·2	230	7·2	230	7·5	230	6·2	230	5·9	225	5·2	225	5·2	225	5·2	210	3·6	5·4	2
185	6·9	190	6·6	185	6·6	205	6·9	215	8·9	215	10·5	225	11·1	240	9·2	245	8·5	245	7·9	235	6·2	235	6·6	**6·7**	3
205	8·9	205	8·2	215	8·2	205	7·9	210	6·6	210	5·9	205	5·6	205	4·3	225	5·2	215	5·2	210	4·9	215	4·9	6·6	4
210	9·5	210	7·9	215	8·2	220	8·5	205	7·9	215	5·9	200	5·9	185	5·2	190	5·2	185	4·3	195	4·9	190	5·2	6·1	5
260	6·2	270	5·9	265	6·2	270	5·9	270	4·9	240	4·6	225	6·2	230	3·6	230	3·9	220	3·3	220	4·3	220	2·6	5·8	6
245	6·2	260	5·2	250	5·9	250	5·6	250	6·6	245	4·6	230	6·2	230	5·6	225	4·6	245	3·9	250	3·3	245	3·6	5·0	7
215	2·6	220	2·0	210	3·3	210	3·9	210	4·3	205	3·6	200	3·9	200	3·6	225	2·3	230	1·6	—	1·3	—	1·0	2·7	8
285	2·0	315	2·6	315	2·0	290	2·3	—	1·3	—	0·0	—	1·0	—	0·3	—	0·3	—	1·3	—	1·0	—	1·0	**1·0**	9
230	5·9	230	6·2	230	5·9	245	5·2	235	5·6	225	5·9	220	4·3	220	3·6	225	3·0	225	2·0	230	2·0	235	2·6	3·2	10
220	2·6	—	1·3	170	3·0	205	2·3	185	2·6	195	2·6	195	3·0	185	2·0	—	1·0	—	0·7	—	1·0	—	1·3	1·9	11
170	7·2	165	6·2	160	6·6	170	6·2	165	5·6	180	4·3	190	3·3	220	3·3	—	1·0	240	3·0	290	2·6	275	2·6	3·6	12
250	6·6	265	5·6	270	6·6	275	6·2	270	7·2	265	6·6	260	4·9	260	3·9	260	3·6	255	2·3	255	2·6	255	2·3	4·0	13
230	3·6	230	3·6	235	3·0	235	2·3	235	2·6	230	3·3	205	5·9	200	3·3	205	2·6	—	1·0	—	0·7	—	0·7	2·3	14
210	4·3	205	4·3	195	4·6	195	4·3	185	4·3	185	4·9	190	3·3	190	2·0	—	1·3	—	1·0	—	0·3	—	0·3	2·2	15
265	5·2	265	3·9	280	5·2	280	5·6	290	5·6	290	5·6	285	3·6	285	3·0	290	2·3	280	2·3	265	1·6	260	1·6	2·7	16
195	4·9	195	5·2	180	4·9	145	4·3	95	5·2	85	5·9	95	7·9	90	5·2	60	4·6	350	6·9	350	6·6	350	6·6	4·1	17
280	5·9	275	6·2	280	3·9	275	3·0	285	4·3	285	3·6	285	3·3	270	3·3	255	2·3	245	2·6	235	2·6	230	2·3	4·2	18
260	4·3	270	3·9	270	3·6	270	3·9	275	3·9	270	2·3	280	1·6	265	1·6	—	1·0	—	1·3	—	0·7	—	1·3	2·6	19
165	3·3	155	3·0	150	3·3	145	3·3	150	3·3	120	3·9	105	3·3	95	4·3	80	5·9	80	6·6	75	5·6	65	5·6	2·7	20
70	4·9	75	4·3	75	4·6	120	2·0	215	2·3	205	3·6	215	2·3	—	0·7	—	0·3	—	0·3	—	0·0	—	0·3	3·1	21
5	4·3	40	3·6	—	1·0	255	3·3	260	2·0	—	1·0	—	1·3	240	1·6	—	0·7	—	1·0	—	0·3	—	1·0	1·5	22
255	3·6	255	3·3	250	3·6	260	4·6	270	4·9	260	4·9	265	4·9	265	5·2	260	4·9	240	4·6	230	4·6	230	5·2	3·4	23
265	6·6	275	5·6	280	6·9	285	6·6	285	6·9	285	5·9	280	4·3	285	4·9	285	3·6	260	2·6	255	2·6	240	2·6	4·9	24
285	4·3	275	3·3	260	3·0	245	2·6	250	3·0	250	2·0	—	1·3	—	0·7	—	1·0	—	1·0	—	1·3	—	1·3	2·9	25
290	3·0	295	2·6	300	4·3	350	3·0	—	1·3	—	1·3	—	0·3	—	0·0	—	0·7	—	1·0	—	1·3	—	1·0	2·1	26
270	3·0	245	2·6	240	3·3	240	3·0	235	3·6	210	4·6	210	4·6	210	3·0	210	2·3	210	1·6	205	1·6	180	2·0	2·4	27
165	7·5	160	6·2	165	6·6	165	6·2	165	6·2	170	5·2	170	3·9	175	3·3	180	2·6	200	3·0	200	2·3	190	2·6	4·4	28
135	2·6	—	1·3	40	3·6	—	1·3	—	1·0	—	1·3	—	1·0	—	1·3	—	0·7	—	0·3	—	0·3	—	1·0	1·7	29
265	2·6	245	2·0	230	2·6	230	2·0	225	1·6	220	1·6	270	2·3	275	3·3	265	3·0	250	2·6	240	2·6	230	3·0	1·6	30
250	3·6	250	3·9	265	3·3	255	3·0	260	3·9	245	3·0	225	3·3	225	2·3	225	2·0	220	2·3	205	2·3	205	1·6	3·0	31
—	**4·8**	—	4·4	—	4·7	—	4·4	—	4·5	—	4·2	—	4·0	—	3·3	—	2·9	—	2·8	—	2·5	—	2·6	3·4	

August, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
215	5·6	220	3·9	225	3·9	205	4·3	210	5·2	200	3·6	210	3·3	200	3·0	205	2·0	195	3·9	200	3·0	205	2·6	3·6	1
290	4·9	275	4·9	280	3·6	285	4·3	295	2·3	315	3·3	255	1·6	250	2·0	245	2·3	245	2·3	255	3·0	260	2·0	3·6	2
250	5·2	245	3·6	245	2·0	220	3·0	225	3·6	215	4·3	205	4·6	195	3·9	185	3·3	190	3·3	200	3·0	205	2·0	3·4	3
250	3·3	245	3·0	245	3·0	240	2·0	245	3·3	240	3·0	215	3·3	210	3·3	200	3·3	200	3·3	205	3·6	205	3·0	3·1	4
235	6·9	235	7·2	240	6·6	235	6·2	240	5·2	260	5·6	260	4·3	245	3·0	260	3·9	255	2·6	250	2·6	230	1·6	4·5	5
220	2·0	—	1·3	220	1·6	230	2·3	—	1·3	225	1·6	330	3·6	10	3·0	20	1·6	—	1·0	20	2·0	10	2·3	1·7	6
345	4·9	340	4·3	340	4·6	340	5·6	345	3·0	325	3·9	320	3·0	320	2·0	325	3·0	330	2·6	330	3·3	345	2·6	3·1	7
—	1·3	—	1·3	—	1·3	—	1·0	—	1·3	—	1·3	—	0·3	—	1·3	115	1·6	—	1·0	—	0·3	—	0·3	1·3	8
—	1·3	245	1·6	—	1·3	—	1·0	—	0·3	205	2·3	210	3·3	190	2·0	—	1·0	—	0·0	—	0·3	—	0·7	**1·1**	9
150	2·3	130	2·6	150	3·0	160	2·6	145	2·6	170	3·0	160	2·0	105	2·6	100	2·6	—	1·3	—	0·7	—	0·3	1·8	10
190	4·9	185	5·2	195	4·9	195	5·2	195	4·9	190	4·3	190	3·6	190	2·6	—	1·3	—	1·0	—	1·0	—	0·7	2·2	11
220	3·0	210	3·9	200	4·9	205	6·2	255	3·3	230	2·3	215	2·6	215	2·0	—	1·3	195	1·6	190	2·3	190	2·3	2·6	12
195	2·3	210	2·6	230	3·3	215	1·6	—	1·0	—	1·3	—	0·7	—	1·0	—	0·7	—	1·3	—	1·0	—	1·0	1·7	13
220	6·6	225	6·9	220	7·5	215	6·9	215	5·2	205	5·2	205	4·9	195	4·9	200	4·6	210	3·9	230	3·3	240	3·0	3·7	14
255	4·6	240	4·6	235	3·3	230	3·9	210	3·3	210	4·3	205	3·6	205	3·0	200	3·0	200	2·0	190	2·3	190	1·6	3·3	15
190	5·6	195	5·6	205	5·9	190	4·9	200	5·2	210	3·6	190	3·3	190	2·3	185	2·3	190	2·0	190	2·0	210	2·0	3·5	16
205	8·9	205	9·8	220	8·2	230	6·9	220	6·9	215	8·2	210	7·9	210	6·2	210	6·6	205	5·9	215	4·9	235	4·6	5·1	17
255	5·9	270	4·9	260	3·9	295	2·3	255	2·6	245	2·0	245	2·6	245	2·3	245	2·6	240	2·6	235	3·3	230	2·3	4·5	18
225	3·9	235	4·6	255	3·9	250	4·9	255	5·6	230	5·2	225	3·9	225	3·3	225	2·3	225	2·6	220	2·6	210	2·3	3·2	19
205	6·2	210	4·6	205	5·6	205	4·3	205	5·2	235	2·0	235	1·6	215	2·3	215	2·6	225	2·0	235	2·6	230	2·3	3·1	20
220	6·9	205	6·9	205	6·9	210	6·6	210	7·5	210	7·5	205	6·9	205	5·6	210	4·9	210	4·6	210	3·6	215	4·6	**5·6**	21
230	3·9	210	4·3	205	4·6	200	5·6	205	5·2	230	3·3	225	2·3	200	2·6	195	1·6	195	2·3	195	2·0	200	2·0	3·8	22
250	3·3	235	4·3	245	3·3	275	3·3	290	4·9	270	2·6	255	2·0	265	1·6	285	2·6	295	2·3	300	2·0	285	2·0	2·6	23
260	4·9	280	4·3	280	3·9	290	4·3	295	3·9	280	3·6	275	2·3	270	2·0	275	2·3	260	2·6	270	2·6	270	2·3	3·1	24
255	3·9	255	3·9	265	3·3	250	3·3	235	3·3	235	2·3	240	2·0	230	2·3	220	2·6	215	2·0	—	1·3	—	1·0	2·7	25
230	2·3	250	2·3	280	2·3	—	1·0	275	1·6	—	1·0	—	0·7	—	0·7	290	1·6	255	1·6	255	1·6	—	0·7	1·3	26
305	2·0	315	2·6	295	3·0	315	3·6	330	3·6	335	2·3	—	1·0	—	0·7	—	1·3	275	1·6	—	1·3	—	1·0	2·3	27
195	4·9	185	4·6	190	4·6	190	5·2	185	4·6	190	3·6	205	4·9	200	5·2	200	4·9	200	3·6	200	3·6	200	3·9	3·1	28
235	5·2	235	3·9	240	4·3	255	3·9	225	3·6	225	3·6	225	2·0	215	2·6	210	4·6	215	1·6	220	1·6	220	1·6	3·7	29
240	4·3	240	3·6	230	4·3	220	3·9	230	3·0	230	3·0	230	2·3	245	2·3	245	2·0	—	1·3	240	2·0	235	2·0	3·1	30
220	5·2	210	5·6	220	6·2	220	3·6	230	3·3	250	3·9	260	3·0	260	2·6	240	3·3	235	2·6	230	1·6	230	2·3	3·4	31
—	**4·4**	—	4·3	—	4·2	—	4·0	—	3·7	—	3·5	—	3·0	—	2·7	—	2·7	—	2·3	—	2·3	—	2·0	3·1	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Directions expressed in degrees from North (E=90°, S=180°, W=270°, N=360°): Speed in metres per second.

460. Richmond (Kew Observatory): H_a (height of cups of anemograph above M.S.L.)=Height of ground above.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	230	1·6	230	1·6	230	2·3	240	2·6	245	2·6	235	2·3	240	3·6	250	3·9	255	4·3	245	5·2	250	4·6	255	4·3
2	280	2·3	280	2·3	280	2·6	285	2·0	290	2·3	295	1·6	285	2·0	300	2·3	315	2·3	320	3·6	335	2·0	335	1·6
3	—	1·0	—	1·3	35	1·6	5	2·0	355	3·0	355	3·6	360	4·6	360	4·3	10	5·2	15	6·2	15	5·9	20	4·9
4	15	3·9	20	3·3	15	3·3	5	3·3	10	3·9	20	4·9	30	3·9	30	5·2	30	4·6	35	5·2	30	3·9	15	4·3
5	—	0·7	—	0·7	—	0·0	—	0·3	—	0·3	—	0·3	—	1·0	—	0·7	—	0·7	20	1·6	—	1·3	—	1·3
6	185	2·0	—	0·0	—	0·0	—	0·3	—	1·0	—	1·0	175	1·6	100	2·3	95	2·6	90	3·6	85	3·6	100	3·9
7	—	1·3	—	1·0	100	2·0	100	2·6	100	1·6	100	2·3	100	3·0	100	3·9	120	3·9	120	2·3	110	3·0	110	2·6
8	195	1·6	170	2·3	205	2·3	—	1·0	185	2·6	200	3·6	205	3·3	215	5·2	220	6·2	215	7·5	220	8·2	220	7·2
9	200	3·0	195	3·0	185	3·0	190	3·0	205	3·3	200	4·6	205	5·6	210	6·9	205	6·9	205	8·9	245	6·6	250	4·9
10	265	3·9	275	3·9	275	3·6	275	3·3	280	3·0	290	2·3	280	3·0	280	3·9	300	3·9	310	4·3	300	3·6	300	4·3
11	220	1·6	215	2·3	195	2·0	195	3·3	190	3·6	195	4·9	200	4·9	200	4·3	215	4·3	230	5·2	235	4·9	230	4·9
12	205	3·6	210	4·6	210	4·6	205	3·9	205	4·6	205	3·6	200	4·3	195	4·9	200	4·9	200	5·9	195	7·2	195	6·9
13	205	5·6	200	6·2	200	6·2	200	5·6	205	5·9	200	5·6	195	5·6	200	7·5	210	8·2	205	10·2	210	8·2	205	8·2
14	210	2·6	235	3·3	—	1·3	305	2·3	—	1·3	295	1·6	275	1·6	265	2·0	275	3·0	270	4·6	270	5·2	265	4·3
15	225	3·3	225	2·6	225	1·6	225	2·0	225	3·0	225	2·3	225	3·0	225	2·6	225	3·3	225	4·6	230	3·9	230	4·3
16	210	7·2	210	7·2	215	5·6	220	3·9	225	3·6	230	3·9	230	3·6	240	4·3	245	4·9	245	6·9	250	6·2	245	5·9
17	215	6·2	220	5·9	220	6·2	215	5·9	210	5·9	210	7·5	215	5·6	215	6·6	215	5·6	220	9·2	215	8·9	210	8·9
18	245	3·0	235	3·9	230	3·3	230	2·3	230	3·0	225	2·3	225	3·6	250	3·6	255	3·6	245	5·6	260	5·9	255	5·6
19	—	0·7	—	0·3	—	0·3	—	0·0	—	0·0	—	0·0	—	0·0	—	0·3	—	1·0	—	1·3	170	2·6	160	3·0
20	190	4·3	205	5·9	205	5·6	210	7·2	215	8·2	215	6·9	225	6·2	230	5·2	225	5·2	220	5·6	225	4·6	220	3·0
21	225	8·5	220	7·5	220	8·5	220	7·9	225	7·2	225	6·9	225	6·9	225	6·9	240	6·2	235	6·6	240	6·2	240	5·9
22	—	1·3	—	1·3	—	1·0	190	2·3	190	2·6	200	2·6	205	2·6	235	4·9	240	5·9	240	8·2	245	7·5	240	7·2
23	165	5·2	170	7·2	175	7·2	175	7·2	180	7·5	185	3·9	185	4·6	185	3·6	185	3·3	195	3·3	190	5·6	185	5·2
24	205	6·2	205	5·9	205	5·9	210	5·2	215	4·9	220	4·3	225	4·9	230	5·2	240	5·2	245	5·2	245	5·2	235	5·6
25	190	1·6	145	2·0	125	3·6	115	3·3	110	3·9	105	3·6	100	4·6	100	6·2	100	4·6	105	8·9	115	5·6	105	5·9
26	70	4·9	70	4·6	70	4·3	55	4·3	60	3·9	65	3·6	65	3·6	60	3·0	60	2·0	70	4·3	60	3·6	40	4·6
27	350	5·2	350	5·2	350	4·9	350	5·2	350	5·6	350	4·9	360	4·3	360	4·6	360	4·9	360	4·9	360	4·3	360	5·9
28	—	0·3	—	0·3	—	0·7	—	0·7	—	0·3	—	0·7	—	0·3	—	0·7	—	0·3	—	0·3	—	0·7	240	2·6
29	180	3·0	180	2·3	180	2·3	180	2·3	180	3·9	180	3·9	180	3·0	175	4·3	175	5·6	180	7·9	180	6·9	180	8·5
30	175	3·0	175	2·0	175	2·0	170	2·0	175	3·0	195	3·0	190	2·0	180	3·3	180	4·3	180	5·6	175	4·6	170	4·9
Mean ...	—	3·3	—	3·3	—	3·3	—	3·2	—	3·5	—	3·4	—	3·6	—	4·1	—	4·2	—	**5·4**	—	5·0	—	5·0

461. Richmond (Kew Observatory): H_a=5 metres+20 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	315	2·3	295	2·3	300	2·3	300	2·0	300	1·6	300	1·6	—	1·3	—	1·3	—	1·0	—	1·3	305	2·0	305	1·6
2	—	0·7	—	0·7	—	0·7	—	0·3	—	0·7	—	0·0	—	0·0	—	0·3	—	0·0	—	0·3	—	1·3	300	1·6
3	—	0·3	—	0·3	—	0·7	—	0·3	—	0·3	—	0·3	—	0·0	—	0·3	—	0·0	—	1·3	95	2·3	—	1·0
4	—	1·0	—	0·3	—	1·0	—	0·7	—	0·3	—	0·0	—	0·0	—	0·0	—	0·3	—	0·7	170	3·9	195	1·6
5	—	1·3	—	0·7	—	0·7	—	1·3	—	1·3	—	1·0	—	0·3	—	0·7	—	1·0	—	1·0	110	1·6	240	2·0
6	230	6·2	225	5·2	225	4·3	225	4·3	220	3·6	220	3·0	215	3·3	210	4·3	205	5·6	210	6·2	190	6·6	195	6·2
7	220	4·6	230	4·6	230	4·3	230	3·0	220	3·6	220	3·9	215	3·9	220	3·9	230	3·3	230	3·3	220	4·3	225	3·0
8	80	3·6	70	4·3	65	4·3	65	3·9	80	3·6	90	3·6	170	2·6	—	0·7	215	2·0	280	3·3	315	6·6	300	6·9
9	—	1·3	—	1·0	235	2·3	230	2·6	250	3·0	240	2·3	235	2·6	240	3·0	250	3·9	270	4·3	265	4·6	260	5·2
10	215	5·6	215	5·9	215	5·6	220	5·2	215	5·9	210	5·9	210	5·2	205	5·6	215	7·5	220	9·5	215	6·9	220	6·2
11	195	4·6	190	4·3	200	3·9	185	3·0	190	3·3	190	3·0	190	3·3	105	3·6	190	3·3	190	4·9	190	3·3	215	2·3
12	180	2·0	180	2·0	—	1·3	—	1·0	180	1·6	180	2·6	180	2·3	180	2·0	180	2·0	180	2·6	175	3·0	155	2·6
13	85	2·0	—	1·3	—	1·3	85	2·0	85	2·6	85	2·0	85	1·6	85	2·0	—	0·7	—	0·0	100	3·3	90	3·3
14	—	0·3	—	0·7	95	1·6	—	1·3	60	1·6	—	1·3	60	1·6	—	1·3	—	1·3	—	0·7	—	0·0	—	0·3
15	70	5·2	70	4·6	65	4·9	65	4·9	65	3·9	55	3·9	50	3·9	55	3·9	55	4·3	60	3·6	60	3·9	60	4·6
16	—	0·3	100	2·0	—	1·3	—	1·3	—	1·3	100	1·6	125	2·3	—	1·0	—	0·7	—	0·7	—	0·3	—	0·3
17	—	0·7	—	0·3	—	0·3	—	0·3	—	1·0	—	1·3	—	1·0	—	1·3	—	1·3	240	1·6	250	1·6	325	2·6
18	—	0·3	—	0·3	—	0·7	—	0·7	—	0·7	—	1·0	—	0·7	315	1·6	—	0·3	—	1·0	—	1·3	190	2·3
19	—	0·3	—	0·7	—	0·7	—	0·7	—	0·7	190	2·6	190	2·6	190	2·6	190	2·6	185	3·6	185	4·3	190	4·3
20	255	2·6	225	3·0	220	2·3	220	2·0	220	2·3	220	2·6	220	2·6	220	2·0	225	2·3	225	3·6	230	3·0	240	3·6
21	—	0·7	—	1·0	250	2·0	—	1·3	180	2·6	95	3·3	90	3·3	80	3·3	75	3·3	85	4·9	80	6·2	80	6·6
22	275	3·0	320	4·6	340	6·9	360	10·2	360	10·8	360	8·2	360	8·5	360	8·2	360	7·5	10	7·5	10	7·9	355	5·2
23	—	0·7	—	0·7	10	1·6	—	0·3	—	0·0	—	0·7	—	1·0	—	0·7	—	1·3	10	2·6	25	2·3	35	3·3
24	—	0·7	30	2·0	—	1·0	—	1·3	—	1·0	—	1·0	20	1·6	—	1·3	—	1·3	90	5·9	80	10·8	65	8·5
25	—	1·3	—	0·7	65	1·6	55	2·0	55	2·0	55	1·6	55	1·6	—	1·3	80	2·0	90	2·3	90	3·6	95	3·3
26	95	2·0	80	2·0	80	2·0	75	3·9	70	4·6	70	4·9	75	5·2	75	4·9	80	5·9	70	6·2	75	6·6	75	5·2
27	235	2·6	235	3·3	235	2·6	225	2·3	225	2·3	225	2·6	225	2·6	220	3·3	225	3·9	230	3·9	220	3·3	220	4·3
28	240	5·2	240	4·6	240	3·0	230	3·0	225	3·6	225	2·3	225	3·3	225	3·3	225	4·3	235	5·9	235	5·9	240	5·9
29	230	2·0	230	2·3	220	2·6	210	3·0	210	2·6	210	3·0	215	2·6	200	3·9	200	3·6	215	5·6	205	6·2	200	6·2
30	255	4·6	250	3·9	235	3·6	230	4·6	230	5·2	230	4·3	210	5·6	210	5·9	210	7·2	215	10·5	225	8·2	225	5·6
31	235	4·3	235	4·9	235	3·9	215	3·6	205	3·9	—	1·0	—	0·3	—	0·3	—	1·3	290	3·0	270	3·6	250	3·3
Mean ...	—	2·3	—	2·4	—	2·4	—	2·5	—	2·6	—	2·5	—	2·5	—	2·5	—	2·7	—	3·6	—	**4·1**	—	3·8

G.M.T.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	Noon.

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L.+h_a(height of anemograph above ground) =5 metres+20 metres.

September, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.		
250	3·6	245	4·3	250	3·9	265	3·6	265	3·3	260	2·6	260	2·3	265	2·3	265	2·3	250	2·0	255	2·3	270	3·0	3·1	1
320	2·6	325	2·6	335	1·6	335	1·6	—	1·3	—	1·3	340	2·0	10	2·0	20	3·3	20	1·6	15	2·6	25	2·3	2·2	2
25	4·6	25	5·6	20	6·2	20	5·6	30	6·2	20	5·2	25	4·6	30	4·6	30	4·6	25	3·9	20	4·3	15	3·9	4·3	3
15	3·9	15	3·3	40	3·9	40	2·6	35	2·3	30	1·6	20	1·6	20	1·6	20	1·6	20	1·6	20	1·6	—	1·3	3·2	4
—	1·0	—	1·3	190	2·0	—	1·3	185	1·6	—	1·3	—	1·3	—	1·0	—	1·3	—	1·0	—	0·3	—	0·7	**1·0**	5
100	4·3	110	3·6	110	4·3	140	3·6	120	3·0	120	2·3	110	2·6	85	3·9	85	3·0	—	1·3	90	2·0	100	1·6	2·4	6
120	3·6	105	4·6	125	4·3	130	3·3	110	3·0	110	2·3	130	2·3	165	2·6	170	4·3	190	2·6	190	2·0	190	2·6	2·8	7
215	8·5	215	8·9	210	8·9	210	6·6	205	7·2	200	4·9	190	3·6	185	2·3	185	3·3	190	3·6	190	3·3	190	3·0	4·8	8
245	4·3	250	3·9	240	6·6	250	6·2	265	4·9	260	3·6	260	3·3	275	3·3	270	4·6	265	4·3	255	3·9	255	3·3	4·7	9
305	3·9	290	3·9	300	3·9	275	3·3	275	2·3	250	2·0	—	1·3	230	2·0	225	2·3	220	2·0	220	3·0	220	1·6	3·1	10
245	4·3	245	3·9	245	5·2	240	5·6	235	4·9	235	3·0	225	2·3	220	2·3	225	2·6	215	3·9	215	3·9	210	3·9	3·8	11
200	8·5	195	8·2	200	8·2	195	5·6	190	4·9	190	6·2	195	6·6	200	5·6	195	5·6	200	7·2	200	4·9	200	5·9	5·6	12
210	7·9	205	8·5	205	8·2	205	7·2	205	6·2	205	5·6	200	3·9	195	2·6	190	2·3	190	2·0	195	2·0	205	2·0	6·0	13
260	5·6	270	4·9	260	4·6	260	4·9	260	4·6	255	3·3	240	2·6	230	2·6	230	2·6	225	3·0	225	2·3	225	3·3	3·2	14
210	6·9	210	5·6	215	6·2	215	6·9	210	7·2	210	5·6	210	6·2	210	5·6	210	5·6	210	4·9	215	6·9	205	7·5	4·6	15
240	4·6	225	4·6	225	4·3	220	5·2	210	5·6	205	5·9	210	5·9	210	5·9	205	5·9	210	6·9	215	5·6	220	6·2	5·4	16
210	9·2	205	9·8	215	8·2	215	7·2	215	7·5	210	7·2	215	6·6	235	3·6	235	4·3	230	4·3	230	3·9	230	3·9	6·6	17
270	4·9	260	4·3	265	2·3	270	3·0	—	1·3	270	1·6	—	0·7	—	1·0	—	1·0	—	0·7	—	1·3	—	0·7	2·9	18
165	2·6	170	3·6	170	3·6	170	2·6	165	2·0	145	1·6	—	1·3	—	1·0	—	1·0	—	1·0	—	0·0	—	0·3	1·3	19
195	4·6	190	6·9	195	6·2	190	7·2	195	7·2	195	9·2	195	8·5	195	9·5	205	9·8	210	9·8	220	10·2	225	7·9	**6·7**	20
225	6·9	220	6·9	220	6·6	215	5·6	205	4·3	205	3·3	205	2·0	—	1·3	205	1·6	190	1·6	—	1·0	—	1·3	5·5	21
245	6·6	250	8·2	260	5·9	260	5·2	240	3·0	225	3·0	210	2·6	190	2·6	180	3·0	180	3·6	170	2·6	165	4·3	4·0	22
195	4·6	195	5·9	200	5·9	205	6·9	205	5·9	195	5·6	185	3·9	185	3·9	180	3·6	190	6·9	195	6·2	200	6·6	5·4	23
235	4·6	225	5·2	225	4·9	220	5·2	205	3·6	195	3·0	190	2·3	190	1·6	190	2·0	185	2·3	—	0·7	—	1·0	4·3	24
110	4·9	120	6·2	105	5·6	105	5·2	95	5·2	140	2·3	—	1·3	150	1·6	75	3·6	75	3·3	75	3·9	75	4·6	4·2	25
45	3·3	30	3·6	30	3·3	30	3·6	20	3·0	5	3·3	15	4·9	20	3·3	355	4·3	355	4·6	355	4·6	350	4·9	3·9	26
360	4·6	355	4·6	355	4·9	360	4·6	355	2·3	355	2·3	—	1·3	—	1·3	—	0·3	—	0·3	—	0·7	—	0·0	3·7	27
180	4·6	185	5·2	185	5·9	185	4·9	185	3·6	180	3·0	180	2·6	180	1·6	180	2·0	180	2·0	180	1·6	180	1·6	1·9	28
175	8·2	175	8·9	175	7·9	170	6·2	165	5·9	170	4·9	175	3·6	175	4·6	170	4·3	180	6·2	175	5·2	175	4·3	5·1	29
170	4·3	170	5·2	165	4·6	165	3·3	200	2·3	—	0·7	—	0·3	—	0·7	—	0·3	255	1·6	—	1·3	270	1·6	2·8	30
—	5·1	—	5·4	—	5·3	—	4·8	—	4·2	—	3·6	—	3·1	—	**2·9**	—	3·2	—	3·3	—	3·1	—	3·2	3·9	Mean

October, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.		
—	1·3	—	1·3	—	1·3	65	1·6	—	1·3	—	1·3	—	0·7	—	1·3	—	1·0	—	1·0	—	1·3	—	1·0	1·5	1
170	2·0	190	3·0	185	2·6	185	2·0	—	1·3	185	1·6	—	1·0	—	1·0	—	0·3	—	0·3	—	1·0	—	0·0	1·0	2
70	1·6	60	2·0	60	2·0	—	1·3	110	1·6	—	1·3	—	1·3	—	1·0	—	0·3	—	1·3	—	0·7	—	0·7	**0·9**	3
—	0·7	140	1·6	90	3·3	100	3·9	100	3·6	90	2·0	—	0·7	—	1·0	—	0·7	—	1·0	—	1·0	—	1·0	1·3	4
230	3·3	220	3·6	230	3·3	220	3·6	205	3·3	195	3·3	180	3·3	175	3·9	185	4·6	200	6·9	210	7·2	220	6·6	2·6	5
195	6·6	195	7·5	200	6·6	200	6·6	205	8·5	205	7·2	205	8·2	205	8·5	205	8·9	200	9·8	230	6·9	235	3·3	**6·2**	6
220	3·9	220	3·6	200	3·3	—	1·3	195	1·6	195	2·0	—	1·0	—	1·0	95	3·0	90	4·3	85	4·6	85	3·0	3·3	7
295	6·9	280	5·2	285	6·2	270	3·6	255	2·6	245	3·0	240	3·0	235	2·6	235	2·6	—	1·0	—	1·0	—	0·7	3·5	8
265	4·9	240	4·6	230	4·6	220	4·6	205	3·3	195	3·6	200	4·3	205	4·9	210	5·6	205	4·6	205	5·6	210	5·6	3·7	9
220	8·9	215	7·2	215	7·2	210	6·2	200	6·2	200	4·9	200	5·2	190	3·6	195	4·9	195	4·6	190	3·9	190	3·9	5·9	10
210	3·3	200	2·3	220	2·6	205	1·6	175	3·6	170	3·0	170	3·3	175	3·3	180	3·3	180	3·3	180	3·3	180	2·3	3·3	11
170	3·3	170	1·6	140	2·3	140	1·6	145	1·6	140	1·6	110	2·6	95	3·0	95	3·0	90	2·3	85	2·3	85	1·6	2·2	12
95	2·6	105	2·0	105	2·0	—	1·3	105	1·6	205	2·0	105	2·0	—	1·0	—	1·0	—	0·7	—	0·0	—	0·0	1·6	13
80	4·1	75	4·3	75	3·6	75	2·6	75	3·0	75	4·6	75	3·9	75	5·2	80	6·9	75	6·2	70	5·9	70	5·9	2·7	14
70	3·6	75	5·2	70	4·3	60	3·6	70	3·6	65	3·0	85	4·3	85	3·3	95	3·9	105	2·3	100	2·0	—	1·3	3·9	15
—	0·3	—	1·0	—	0·7	—	1·0	—	1·0	—	1·0	—	1·0	—	1·3	—	0·7	—	0·3	—	0·7	—	1·0	1·0	16
350	2·6	360	2·3	—	1·3	—	1·3	—	1·3	—	1·3	—	1·0	—	0·3	—	0·7	—	1·0	—	1·0	—	0·7	1·2	17
180	2·3	180	2·3	185	2·3	—	1·0	190	2·0	190	1·6	190	1·6	—	0·7	—	0·7	—	0·3	—	1·0	—	0·7	1·1	18
190	4·6	195	3·9	195	3·9	205	3·9	205	4·3	210	3·9	205	4·6	215	3·9	240	3·6	255	2·6	255	2·3	255	2·0	2·9	19
240	3·6	260	3·0	260	2·3	255	2·0	250	1·6	—	0·7	—	1·0	—	1·0	—	0·3	—	0·3	—	0·3	—	0·7	2·1	20
80	6·9	80	7·5	80	5·6	75	5·2	75	5·9	90	3·0	85	3·3	85	2·0	—	1·0	105	1·6	155	1·6	205	2·3	3·5	21
360	5·9	360	6·2	5	6·2	360	4·6	360	4·3	360	3·0	355	4·3	355	3·0	340	2·3	340	2·0	—	1·3	—	1·0	5·6	22
55	3·9	70	3·9	70	3·9	70	3·3	60	3·0	50	2·3	50	3·6	60	3·3	45	2·3	—	1·0	—	0·7	—	0·3	2·0	23
70	8·2	65	7·9	60	8·2	70	8·2	65	8·2	75	6·9	90	5·2	90	6·2	90	5·6	90	4·3	90	3·3	90	2·6	4·6	24
100	2·3	100	1·6	100	1·6	—	1·3	100	2·0	100	1·6	—	1·3	100	2·3	100	2·3	—	1·3	100	3·0	100	2·0	1·9	25
75	3·6	75	2·3	80	3·0	90	2·3	—	1·3	90	1·6	—	0·0	—	0·3	—	1·0	215	2·6	240	4·3	240	3·6	3·3	26
195	3·3	195	3·9	190	2·0	170	1·6	150	2·3	205	4·6	235	5·9	230	6·2	225	5·9	230	5·9	225	6·2	230	5·6	3·7	27
235	5·9	235	5·2	235	4·3	215	5·2	220	4·6	215	3·6	230	3·9	230	3·6	225	3·3	230	2·3	225	2·3	225	2·0	**4·1**	28
200	6·2	190	5·6	190	5·6	190	5·2	190	5·9	185	5·6	185	5·9	180	6·9	190	5·2	205	3·9	245	3·3	245	2·3	4·4	29
230	6·9	255	7·2	230	5·2	230	4·9	225	6·2	225	6·6	225	7·2	230	6·2	235	6·9	235	6·2	230	5·6	230	4·9	5·9	30
235	3·9	230	3·9	220	4·9	210	4·9	205	4·6	215	4·6	210	3·6	215	3·0	215	2·3	—	1·0	—	1·0	—	1·0	3·1	31
—	4·1	—	4·0	—	3·7	—	3·3	—	3·4	—	3·1	—	3·2	—	3·1	—	3·0	—	2·8	—	2·7	—	**2·3**	3·0	

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Mean	Day.

Direction expressed in degrees from North (E = 90°, S = 180°, W = 270°, N = 360°) : Speed in metres per second.

462. Richmond (Kew Observatory) : H_a (height of cups of anemograph above M.S.L.) = Height of ground above.

Day.	1.		2.		3.		4.		5.		6.		7.		8.		9.		10.		11.		Noon.	
	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	230	2·0	245	1·6	245	2·0	240	2·0	235	3·0	230	2·3	230	2·3	230	3·3	215	4·3	210	4·3	200	3·6	195	3·6
2	235	6·9	235	6·2	235	6·2	235	5·9	230	5·9	230	5·6	225	5·6	225	6·6	225	6·6	225	8·2	225	9·5	225	7·9
3	230	4·9	240	3·6	250	3·6	270	2·6	265	2·3	245	2·3	240	2·0	—	0·7	—	1·3	310	2·6	310	1·6	290	2·3
4	—	1·3	340	1·6	340	2·3	—	1·3	—	0·7	—	0·3	—	0·3	—	1·0	360	2·6	5	4·3	360	5·6	360	4·6
5	—	0·3	—	0·0	—	0·7	—	0·0	—	0·7	—	0·7	—	0·0	—	0·3	—	0·3	—	0·0	—	0·3	295	2·0
6	40	2·6	40	1·6	45	3·0	45	2·6	30	3·0	30	2·6	20	2·0	20	2·3	35	3·6	35	3·9	40	6·6	40	6·2
7	30	5·6	25	4·9	30	4·3	25	3·9	25	4·3	25	4·6	25	4·6	25	4·6	25	5·9	30	6·6	35	5·6	35	5·6
8	60	4·6	55	5·2	55	3·9	60	4·9	70	8·2	75	6·9	75	6·2	80	8·2	75	7·2	80	9·5	80	8·5	80	7·9
9	85	6·2	90	3·6	90	3·3	85	2·0	85	2·6	85	3·0	85	3·0	85	3·0	85	2·6	85	1·6	110	2·6	135	3·9
10	115	3·3	105	2·6	105	2·6	100	2·6	85	4·9	90	5·2	85	5·2	80	3·9	80	3·0	75	3·6	75	2·0	80	1·6
11	—	0·3	—	0·7	—	0·7	—	0·7	—	1·0	135	1·6	—	0·7	—	1·0	165	2·0	185	4·9	190	4·6	180	3·6
12	—	1·0	—	0·7	—	0·7	—	1·3	10	3·9	355	3·9	350	4·9	345	4·9	350	5·2	350	6·9	355	5·9	355	5·6
13	25	3·3	30	3·6	40	3·9	40	4·6	40	4·3	40	3·6	40	4·3	50	3·6	45	2·6	40	4·3	50	2·6	60	4·3
14	—	1·3	—	1·0	70	2·6	60	3·6	75	3·9	70	4·3	70	3·6	80	4·3	90	3·3	100	4·3	105	3·9	110	3·9
15	95	4·3	100	3·9	90	4·3	85	4·9	80	4·9	70	4·9	80	4·6	80	6·9	85	5·2	85	5·2	75	5·6	60	5·2
16	65	2·0	—	1·0	—	1·3	—	1·0	30	2·0	10	3·0	5	3·6	5	4·6	5	3·3	10	4·3	25	5·6	20	5·6
17	5	4·6	10	3·3	30	4·6	40	4·6	40	5·2	35	4·3	35	3·6	30	3·9	40	4·3	60	3·9	70	3·3	65	2·3
18	—	1·1	—	1·3	—	0·9	210	1·6	265	1·9	—	1·5	—	1·5	220	1·6	215	2·1	205	2·2	210	1·6	210	1·6
19	265	1·6	335	2·0	335	1·6	335	2·0	335	2·0	340	2·0	360	1·6	—	1·0	—	1·3	—	1·0	—	1·3	—	1·3
20	295	1·6	270	1·6	—	1·0	—	1·3	—	1·3	245	1·6	230	1·6	—	1·3	255	2·3	280	2·3	310	3·6	325	3·3
21	280	2·0	—	1·0	280	1·6	275	2·0	235	2·0	—	1·3	230	2·0	230	2·0	235	2·0	235	2·6	230	2·6	220	3·3
22	215	5·2	215	4·9	210	4·9	210	5·2	220	4·9	215	4·6	215	5·2	215	5·2	215	4·6	230	6·6	230	6·2	225	5·9
23	210	5·9	210	4·6	205	4·9	210	5·2	215	4·3	210	4·6	205	5·2	210	5·2	215	4·3	225	4·6	220	5·6	220	5·9
24	215	3·3	210	2·6	190	2·6	190	2·3	195	3·6	205	2·0	180	4·6	180	4·3	180	4·3	175	5·6	170	3·6	180	4·6
25	115	2·6	115	2·0	115	2·0	110	2·3	105	2·3	105	2·0	110	2·6	120	3·6	120	3·0	130	3·3	135	3·9	130	2·6
26	140	5·2	145	4·6	150	4·3	140	4·6	135	4·6	130	3·6	135	3·6	140	3·6	115	4·3	125	5·6	110	3·6	105	4·9
27	165	9·2	165	9·8	160	10·8	175	14·1	185	14·8	190	11·5	190	12·1	190	12·1	185	10·8	185	12·5	195	14·4	200	11·5
28	—	0·7	—	0·3	—	0·3	—	0·7	—	0·3	—	1·0	260	2·3	—	1·0	—	0·3	—	1·3	135	1·6	130	1·6
29	175	6·6	180	5·9	185	8·2	190	7·5	200	5·6	195	5·2	200	3·9	195	3·9	185	3·9	180	5·6	175	5·2	175	5·6
30	185	3·9	180	4·9	180	4·6	175	3·9	165	2·6	175	5·6	175	6·9	175	7·5	175	6·2	185	6·6	185	9·8	180	9·5
Mean ...	-	3·5	—	**3·0**	—	3·3	-	3·4		3·7	—	3·5	—	3·7	—	3·9	—	3·8	—	4·6	—	**4·7**	—	4·6

463. Richmond (Kew Observatory) : H_a = 5 metres + 20 metres.

	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.
1	180	2·0	180	3·0	180	3·0	180	2·6	175	2·3	160	1·6	165	3·6	165	4·3	165	3·9	165	6·2	165	5·6	170	4·6
2	60	2·6	60	2·6	60	3·0	65	3·9	65	3·6	80	2·3	75	2·0	75	1·6	—	1·3	95	2·0	—	0·7	—	0·7
3	—	0·7	—	0·3	340	1·6	—	0·3	—	1·3	—	0·7	—	1·3	—	1·0	—	1·3	305	1·6	295	2·6	300	2·3
4	275	2·6	265	2·3	—	0·7	—	1·0	—	1·0	—	0·7	270	1·6	—	0·7	—	0·3	—	1·0	180	2·6	175	3·3
5	190	7·9	195	7·9	210	8·2	215	6·9	235	6·2	255	5·2	255	6·6	255	4·9	260	4·9	250	5·6	225	4·9	220	5·6
6	225	5·2	230	4·9	240	7·2	250	3·6	250	4·9	255	4·6	250	4·3	245	3·3	240	2·6	245	3·3	260	3·9	275	4·9
7	—	0·0	—	0·7	—	0·7	—	1·3	—	1·0	—	0·7	—	0·0	—	0·3	210	2·0	205	1·6	190	3·3	190	3·9
8	185	3·6	180	3·0	175	3·3	175	2·6	175	2·0	175	2·0	175	3·0	170	3·3	170	3·3	170	5·9	160	3·9	170	3·0
9	—	1·0	—	0·7	160	1·6	—	1·0	—	0·3	—	0·3	—	1·0	—	0·3	—	0·7	—	1·0	—	0·3	—	0·7
10	—	0·3	—	0·0	—	0·0	—	0·7	—	0·0	—	0·3	—	0·7	—	0·0	—	0·3	—	1·0	—	0·3	—	0·3
11	—	0·7	—	0·3	—	0·0	—	0·3	—	0·3	—	0·3	—	0·0	—	0·7	—	0·3	—	0·0	—	0·7	—	0·3
12	—	0·0	—	0·3	—	0·3	—	0·3	—	0·3	160	1·6	—	0·7	—	0·0	—	1·3	165	3·0	170	2·6	180	3·6
13	200	3·3	190	2·3	185	3·6	185	3·0	185	3·0	185	2·6	180	3·9	170	4·3	175	3·3	185	4·6	180	4·9	180	5·6
14	—	1·3	—	1·0	220	2·0	—	1·3	—	1·0	—	1·3	—	1·0	225	1·6	225	1·6	225	1·6	225	2·3	250	2·6
15	—	1·3	—	0·3	—	0·7	—	1·0	—	0·3	200	2·6	180	3·0	170	3·6	170	5·9	165	6·9	165	7·2	165	7·9
16	160	6·2	155	4·3	150	4·3	155	3·9	160	3·3	155	2·6	155	2·6	155	3·0	155	1·6	165	2·6	165	2·3	180	1·6
17	—	1·3	—	1·0	—	0·7	—	0·7	—	1·0	290	1·6	—	1·3	—	1·0	—	1·3	210	1·6	215	1·6	215	1·6
18	195	2·3	195	2·3	195	3·6	190	3·3	190	3·9	190	3·3	195	3·9	195	4·3	190	3·6	205	4·6	200	5·2	200	5·6
19	200	4·9	195	3·3	200	5·2	205	4·3	200	4·3	200	4·9	205	4·9	205	4·6	210	4·3	205	5·6	210	5·6	215	4·9
20	200	3·0	195	2·0	195	1·6	195	2·0	195	2·0	—	1·3	—	1·0	195	2·3	195	2·0	—	1·0	200	1·6	210	2·3
21	—	0·7		0·7	—	0·7	—	1·0	150	1·6	140	1·6	—	0·3	—	1·0	—	1·3	135	1·6	130	2·6	130	3·3
22	165	3·0	170	3·0	190	3·0	185	3·0	185	3·6	180	3·6	180	3·6	180	3·3	180	4·9	185	5·2	180	4·6	180	4·9
23	180	5·6	180	6·9	180	7·9	190	7·9	180	7·5	180	8·9	180	9·5	180	8·9	180	7·9	185	8·9	190	9·5	190	9·2
24	180	4·6	185	6·2	180	7·2	190	8·5	195	8·2	200	8·9	200	7·5	190	6·6	190	5·6	190	6·9	190	6·6	190	7·2
25	190	4·9	190	4·9	185	3·6	185	3·9	185	3·9	180	3·3	180	4·3	200	4·3	215	3·0	195	4·6	195	5·9	195	6·6
26	160	4·9	150	4·3	155	5·2	145	5·2	145	5·2	145	3·9	150	3·9	155	4·6	160	6·2	180	6·9	200	6·9	210	4·9
27	190	9·2	195	9·8	195	9·8	190	11·1	190	11·5	190	10·8	190	13·1	190	12·5	190	12·8	195	12·8	200	12·5	200	13·1
28	210	3·3	195	2·6	185	3·6	205	3·9	215	5·9	220	4·6	215	4·6	210	3·9	220	4·9	230	5·2	235	6·9	240	6·2
29	225	3·3	225	3·0	225	2·3	220	3·9	230	3·0	240	2·3	240	2·3	235	3·6	225	3·6	215	3·9	215	3·6	220	3·9
30	185	10·5	185	9·8	185	10·5	185	9·8	185	12·1	190	11·8	190	11·5	190	12·1	190	12·1	200	13·1	200	11·8	200	12·1
31	210	3·9	210	3·6	200	3·0	190	3·0	185	3·6	185	5·2	190	5·9	195	7·5	205	6·9	210	6·9	215	7·5	225	7·9
Mean ...	—	3·4	—	**3·1**	—	3·5	—	3·4	—	3·5	—	3·4	—	3·6	—	3·7	—	3·7	—	4·4	—	4·5	—	**4·7**
Annual Mean ...	—	2·9	—	**2·7**	—	2·9	—	2·8	—	3·0	—	3·0	—	3·2	—	3·5	—	3·7	—	4·5	—	4·5	—	4·5

Averages for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

M.S.L. + h_a (height of anemograph above ground) = 5 metres + 20 metres.

November, 1924.

13.		14.		15.		16.		17.		18.		19.		20.		21.		22.		23.		24.		Mean	Day.
°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
185	2·3	165	1·6	170	1·6	200	3·3	215	7·5	215	7·2	210	8·5	210	7·9	210	9·2	220	7·2	225	7·5	230	5·9	4·2	1
230	8·2	230	8·2	235	8·9	235	8·2	235	7·9	235	7·5	235	7·9	230	6·6	230	6·6	235	5·2	225	5·2	225	4·6	6·9	2
330	2·3	340	2·6	360	3·0	360	2·3	—	1·0	355	1·6	340	2·3	340	2·0	340	2·0	340	2·0	340	2·0	340	1·6	2·3	3
5	4·6	360	4·3	10	4·3	360	2·6	360	1·6	—	0·7	—	1·0	—	1·3	—	0·7	—	0·7	—	0·0	—	0·7	2·0	4
—	1·0	—	0·7	—	1·3	—	0·7	—	0·3	—	0·7	—	1·0	—	1·0	—	1·3	—	1·0	335	2·0	30	2·0	**0·7**	5
40	5·9	35	6·9	30	5·6	30	5·2	25	5·2	30	4·6	25	5·6	25	5·9	30	5·2	30	4·9	30	5·6	35	4·6	4·3	6
40	6·2	40	4·9	45	7·9	45	5·2	45	6·6	50	6·2	40	5·6	45	6·6	40	6·2	50	4·9	55	5·9	50	4·3	5·5	7
75	7·5	75	7·9	80	8·2	75	8·2	70	7·9	75	9·5	75	10·8	85	10·5	85	10·5	90	5·9	95	6·2	85	5·9	7·5	8
145	3·6	160	2·6	175	3·9	175	2·3	150	3·3	135	2·6	130	3·3	135	2·6	130	2·6	120	2·3	120	2·0	115	2·0	3·0	9
185	2·6	180	2·0	220	2·0	—	1·3	—	0·7	—	0·7	—	1·0	—	0·7	—	0·3	—	1·0	—	1·3	—	0·3	2·3	10
175	3·9	175	4·3	175	3·9	170	3·0	175	3·0	175	2·3	165	2·0	—	1·3	—	1·0	155	2·6	155	2·3	—	1·3	2·2	11
350	4·9	350	4·9	350	5·6	350	6·9	355	5·9	355	6·2	355	6·6	355	4·9	360	4·6	360	4·6	5	3·3	5	2·6	4·4	12
60	2·6	75	2·0	80	4·3	65	4·3	65	4·3	65	4·3	65	4·9	75	4·6	70	3·3	65	3·0	65	2·6	—	1·3	3·6	13
115	3·6	100	3·6	80	3·3	100	3·3	80	4·3	95	2·6	105	2·3	105	3·0	100	2·6	100	3·3	95	3·3	95	3·6	3·2	14
60	5·2	60	5·2	60	5·2	65	3·6	45	4·6	45	4·6	75	3·6	75	2·6	55	3·6	30	2·6	70	3·0	80	1·6	4·4	15
15	4·9	10	3·9	10	4·9	5	4·6	5	4·9	15	4·9	20	5·2	25	4·3	30	5·2	35	5·2	5	3·6	360	3·9	3·8	16
65	2·6	60	1·6	—	1·3	60	1·6	—	1·3	—	0·0	—	0·0	—	0·3	—	0·0	—	0·3	—	0·3	—	0·0	2·5	17
—	1·3	—	1·3	—	1·0	—	1·3	—	1·3	210	1·6	—	0·7	—	0·7	—	0·0	—	1·0	—	1·0	210	2·0	1·3	18
315	2·0	360	2·3	300	1·6	—	1·3	—	0·7	—	0·7	—	0·7	—	0·7	—	1·0	—	1·0	—	1·0	—	1·3	1·4	19
320	3·3	310	2·0	—	1·3	—	1·3	—	0·7	—	0·7	—	0·7	—	1·0	—	1·3	—	1·3	270	2·0	290	3·3	1·7	20
220	3·0	240	2·6	235	3·0	225	3·3	230	3·9	225	3·0	220	3·9	220	3·6	240	3·0	230	3·0	220	3·9	225	3·6	2·7	21
225	6·2	225	5·9	230	5·2	225	6·2	225	5·6	225	5·6	215	6·9	210	4·9	210	5·6	210	6·2	215	5·6	215	5·6	5·5	22
220	5·9	225	3·9	220	4·3	220	4·6	215	5·9	215	5·2	215	5·6	220	5·2	230	4·6	220	3·6	210	4·3	210	3·6	4·9	23
180	3·3	180	2·6	180	2·6	175	2·3	155	2·6	150	2·6	150	2·6	155	3·6	165	3·9	150	3·3	135	2·6	120	2·6	3·3	24
125	3·3	110	3·3	115	3·3	115	3·3	120	3·0	115	2·6	130	3·9	140	4·3	140	4·6	150	5·2	135	6·6	135	5·9	3·3	25
100	4·3	95	3·9	95	6·9	105	5·6	110	4·9	125	6·9	135	6·6	110	5·9	100	6·2	115	6·6	145	7·9	150	7·2	5·2	26
205	13·4	215	10·5	210	9·5	215	7·9	235	6·6	220	4·6	225	3·0	210	2·0	210	1·6	—	1·0	—	1·0	—	0·3	**8·7**	27
130	1·6	130	1·6	145	2·3	130	2·3	110	2·0	110	2·0	115	2·3	120	3·6	130	3·9	130	4·9	145	5·9	160	6·6	2·0	28
170	5·9	175	4·3	160	4·6	155	4·9	140	3·0	155	5·2	155	5·6	155	5·2	165	4·3	165	4·9	165	3·9	170	3·0	5·2	29
190	11·1	205	8·2	200	8·2	200	6·9	200	5·6	205	3·0	195	3·6	190	3·6	200	3·9	190	2·6	185	3·0	185	2·6	5·6	30
—	4·5	—	4·0	—	4·3	—	3·9	—	3·9	—	3·7	—	3·9	—	3·7	—	3·6	—	3·4	—	3·5	—	3·1	3·8	

December, 1924.

°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	°	m/s.	m/s.	
155	3·9	145	3·0	140	2·6	140	2·3	135	3·6	130	2·0	115	2·0	85	2·6	85	3·9	85	3·3	65	3·9	60	1·6	3·2	1
—	1·0	—	1·0	—	0·7	—	1·0	340	1·6	—	1·3	—	1·3	—	1·0	—	0·3	—	0·3	—	0·7	—	0·7	1·6	2
305	2·6	295	3·0	300	2·0	295	2·3	275	2·0	—	1·3	—	1·3	265	1·6	270	2·3	295	2·0	—	1·3	285	2·0	1·6	3
175	4·6	180	4·9	180	5·6	185	5·2	175	5·6	175	7·2	175	7·9	175	8·2	175	9·2	180	8·9	180	8·5	185	8·2	4·1	4
225	5·2	255	5·9	240	4·6	220	4·9	205	5·6	205	6·2	205	6·6	210	5·9	210	7·2	210	7·5	205	7·5	210	5·9	6·2	5
270	4·6	270	4·6	260	3·0	255	2·3	230	2·3	250	1·6	—	0·3	—	0·7	—	1·0	—	0·0	—	1·3	—	0·7	3·2	6
190	4·6	190	4·9	190	3·6	190	3·0	190	2·0	185	3·0	180	3·0	180	2·3	180	2·6	180	3·0	180	2·3	185	3·0	2·2	7
105	3·0	160	3·6	165	3·6	150	3·3	145	3·0	135	2·0	130	2·0	130	2·0	130	2·0	130	1·6	—	0·7	—	1·0	2·8	8
—	1·0	—	0·7	—	0·7	—	1·0	—	0·7	—	0·3	—	0·0	—	0·0	—	0·3	—	0·0	—	0·0	—	0·0	0·6	9
—	0·3	—	0·3	—	0·3	—	0·3	—	0·0	—	0·3	—	0·3	—	0·3	—	0·3	—	0·3	—	0·7	—	0·3	**0·3**	10
—	0·7	—	0·7	—	0·7	—	0·7	—	1·0	—	0·7	—	0·7	—	0·7	—	1·0	—	1·0	—	0·7	—	0·3	0·5	11
185	3·0	190	3·0	200	1·6	215	2·0	205	2·3	—	1·3	220	1·6	180	2·6	185	2·6	200	2·6	190	3·0	185	3·0	1·7	12
180	5·6	185	4·9	185	5·9	190	3·9	190	4·9	190	4·3	190	4·6	170	4·3	175	5·6	170	4·9	170	4·3	190	4·3	4·2	13
260	4·3	245	3·0	230	3·0	225	2·3	225	2·3	225	3·3	225	3·0	225	2·6	225	3·0	225	2·3	225	2·3	—	1·3	2·2	14
160	8·2	160	8·9	160	7·9	150	7·5	150	8·2	150	5·6	155	5·6	160	5·2	165	3·9	165	4·6	165	4·9	160	5·2	4·8	15
220	1·6	—	1·0	—	1·0	280	1·6	340	3·0	340	2·3	340	1·6	330	2·6	325	2·0	330	2·0	320	2·0	310	2·0	2·6	16
195	2·0	190	1·6	—	1·3	195	1·6	200	1·6	200	2·0	195	1·6	195	1·6	195	1·6	—	1·0	—	0·7	—	1·0	1·4	17
200	6·2	205	5·9	205	3·9	200	4·9	195	4·6	200	3·6	200	4·6	200	4·3	200	4·6	200	4·6	200	4·9	200	5·2	4·2	18
210	4·3	210	3·6	205	3·9	200	3·3	200	3·6	190	4·6	185	3·6	180	4·3	180	2·3	185	3·3	200	3·3	200	2·6	4·2	19
—	1·0	—	1·0	—	1·3	215	1·6	—	0·7	215	1·6	200	2·6	185	2·3	170	1·6	—	1·0	—	1·0	—	0·3	1·6	20
130	2·6	135	3·0	140	1·6	135	2·3	135	2·3	100	2·3	105	2·6	125	2·0	130	3·0	140	2·0	155	3·3	160	3·6	1·9	21
180	3·6	180	3·3	180	3·9	170	3·6	190	2·3	205	2·3	200	3·6	200	2·0	185	2·0	200	2·3	180	4·3	180	5·2	3·5	22
185	7·9	180	6·9	175	6·6	180	6·6	175	6·6	170	6·6	170	6·6	175	6·2	180	4·9	175	4·3	180	4·6	185	4·3	7·1	23
190	7·2	190	6·2	195	6·2	190	5·6	185	6·2	180	5·6	180	6·2	185	6·9	190	9·2	205	7·9	205	7·9	195	5·2	6·8	24
210	5·9	195	6·2	195	6·2	185	5·9	185	3·6	180	2·6	175	3·9	170	5·2	170	6·2	165	6·2	165	6·6	160	6·9	4·9	25
210	7·2	200	6·6	195	7·5	195	7·2	195	7·9	200	8·2	200	7·5	195	6·2	190	5·2	185	5·6	190	7·5	190	8·9	6·1	26
200	13·1	200	13·4	205	12·5	200	8·9	205	6·6	195	6·6	200	6·2	210	6·2	210	5·6	215	4·9	220	4·9	215	3·3	**9·7**	27
230	6·2	220	5·9	215	5·2	250	2·0	230	2·3	220	3·0	230	3·3	230	2·6	230	3·6	225	2·6	225	3·9	225	3·6	4·2	28
220	4·6	210	4·3	200	3·9	195	3·3	190	3·0	185	4·3	175	5·6	175	6·6	175	7·2	175	9·8	175	8·9	180	10·8	4·5	29
205	9·8	225	6·6	240	3·6	225	3·0	260	5·9	300	5·6	275	2·6	220	3·9	225	4·9	230	3·9	220	4·6	220	4·3	8·3	30
250	7·5	240	7·9	240	6·6	230	6·6	220	5·2	220	4·9	220	4·9	220	4·3	225	5·2	220	5·6	210	6·6	215	5·6	5·6	31
—	4·6	—	4·4	—	3·9	—	3·5	—	3·6	—	3·4	—	3·5	—	3·5	—	3·7	—	3·5	—	3·8	—	3·6	3·7	
—	**4·7**	—	4·5	—	4·6	—	4·3	—	4·1	—	3·7	—	3·6	—	3·3	—	3·2	—	3·0	—	3·0	—	2·8	Mean	Day.

464. Richmond (Kew Observatory) : $H_a = 5$ metres + 20 metres. **1924.**

Day.	Jan.		Feb.		Mar.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.	Max. in a Gust.	Time of Gust.
	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.	m/s.	h. m.
1	7	15 30	8	12 10	**16**	8 50	15	17 10	6	14 50	**17**	13 30	9	15 20	10	12 25	9	11 35	5	2 30	14	20 35	8	10 50
2	6	16 40	10	12 35	14	15 40	16	20 35	13	17 15	8	16 50	13	15 5	14	12 45	6	23 30	5	13 15	19	15 25	6	4 5
3	9	12 0	8	10 55	11	5 50	16	11 0	11	15 30	7	15 0	**20**	18 20	9	13 55	11	10 15	5	16 10	9	0 15	5	12 0
4	4	16 25	9	13 5	11	14 40	10	19 20	7	16 50	9	21 40	14	10 40	8	11 15	11	15 35	7	15 45	10	11 35	14	20 5
5	4	23 50	15	18 25	10	16 35	9	11 50	14	14 0	9	2 40	14	15 45	14	12 45	4	14 55	13	22 55	5	12 20	13	22 20
6	8	14 15	12	6 50	7	22 20	6	12 45	11	8 0	9	13 55	14	2 25	7	19 0	8	13 25	17	22 55	12	13 50	14	3 20
7	6	13 35	8	3 0	7	17 40	8	14 45	12	17 0	7	12 55	12	12 25	10	15 50	8	8 30	9	2 15	12	20 5	10	13 25
8	**21**	20 25	10	11 55	10	15 30	10	13 35	13	15 40	16	17 55	9	2 55	5	11 20	14	13 50	13	12 40	17	20 25	7	10 45
9	19	0 35	17	8 25	8	10 45 12 10	13	15 25	9	17 35	9	2 45	6	13 35	6	19 10	16	16 40	11	12 15	9	1 10	4	2 40
10	7	3 25	7	15 25	11	18 25	8	11 45	14	10 5	14	15 5	11	15 20	9	14 15	9	8 0	14	11 30	8	7 45	1	10 35
11	18	22 0	6	1 25	9	14 5	8	9 50	12	12 5	13	7 55	6	14 50	9	14 0	12	15 5	8	1 40	7	11 50	2	13 55
12	**21**	4 5	11	16 40	12	16 35	14	15 35	9	17 55	8	20 35	11	12 55	9	16 40	15	13 20	6	11 50	10	11 30	5	21 55
13	16	14 45	**20**	22 40	13	17 45	10	15 50	14	11 25	13	8 45	13	13 30	6	13 50	16	10 25	5	12 10	8	5 20	11	13 10
14	10	10 5	19	0 15	10	14 40	18	14 20	11	15 35	7	1 55	8	18 55	13	15 35	10	12 45	10	21 50	7	10 55	8	12 35
15	12	14 50	7	14 15	3	19 15	7	16 10	5	18 35	8	16 10	9	12 40	13	16 55	14	23 25	8	14 20	11	8 30	17	13 0
16	9	17 40	10	12 35	11	14 35	9	12 55	12	11 50	8	21 5	11	17 10	10	11 55	13	1 5	3	4 0	9	12 5	9	0 45
17	11	1 55	4	3 0	7	22 0	**3**	13 40	10	21 20	10	12 35	14	22 55	**17**	16 45	16	15 0	5	12 50	8	4 35	3	18 50
18	12	22 35	13	16 5	6	11 25	11	12 25	10	13 45	11	12 35	12	13 55	12	8 10	11	11 55	4	14 55	4	9 40	11	13 35
19	19	9 5	13	11 40	8	13 0	11	11 5	9	7 35	9	14 0	9	13 55	10	11 35	6	13 20	7	14 5	4	13 45	9	11 5
20	10	0 15	8	7 55	**16**	13 35	6	15 30	10	13 50	8	17 40	10	20 30	10	15 5	**19**	21 20	6	13 55	6	12 30	5	1 35
21	9	18 20	8	21 55	14	0 55	9	19 20	9	13 40	9	16 15	8	1 0	15	14 40	15	2 5	11	13 40	7	23 10	6	14 5
22	7	12 20	12	15 10	14	13 30	8	17 45	12	11 40	6	13 50	8	13 40	10	12 5	14	13 50	(16)	4 35	13	10 35	9	24 0
23	4	19 30	10	13 5	15	14 0	8	3 35	17	15 40	7	14 50	10	20 5	9	17 0	15	5 15	7	15 25	11	11 50	17	11 35
24	7	11 40	13	15 35	13	3 40	14	14 55	17	12 50	7	16 10	13	15 50	10	11 30	13	0 10	15	10 55	8	12 15	17	5 55
25	6	13 25	16	20 0	3	20 15	15	10 5	14	11 25	6	14 45	11	9 5	9	13 10	12	10 20	6	11 0	13	24 0	11	15 20
26	10	13 45	12	23 10	11	20 45	14	24 0	7	14 25	9	16 35	7	14 35	5	14 55	8	12 5	9	9 25	13	18 55	15	17 40
27	12	11 5	11	1 40	12	20 10	**20**	18 35	10	12 10	8	17 25	10	17 35	8	8 5	10	1 45	12	23 40	**25**	4 50	**23**	9 35
28	9	10 55	13	1 55	14	11 20	14	5 0	9	18 40	10	17 25	12	14 35	9	16 0	10	15 30	12	14 5	10	23 25	13	9 55
29	4	12 55	18	16 0	14	14 5 18 20	10	1 5	**19**	19 30	14	13 5	8	11 15	9	13 45	14	14 15	12	12 25	12	4 35	15	23 55
30	3	20 50	—	—	14	10 40	11	3 20	9	6 15	11	12 5	6	16 10	8	10 45	9	11 25	**23**	13 25	20	13 0	**23**	9 30
31	4	15 0	—	—	12	18 10	—	—	9	9 40	—	—	8	12 40	11	14 40	—	—	11	1 50	—	—	**23**	13 40

DISTRIBUTION OF WIND SPEED: EXTREME VELOCITIES AS RECORDED BY THE DINES TUBE ANEMOGRAPH.*

465. Richmond (Kew Observatory) : $H_a = 5$ metres + 20 metres. **1924.**

Month.	DISTRIBUTION OF WIND.								EXTREME VELOCITIES.					
	More than 17·1 m/s.		10·8 to 17·1 m/s.		5·5 to 10·7 m/s.	1·6 to 5·4 m/s.	Less than 1·6 m/s.	No Record	Highest Hourly Wind.			Highest Gust.		
	Dates of Occurrence.	Duration.	No. of Days.	Duration.	Duration.	Duration.	Duration.	Duration.	Veer from N.	Speed.	Mid. Time.	Speed.	Date.	
		hr.		hr.	hr.	hr.	hr.	hr.	°	m/s.	day. hour.	m/s.	d. h. m.	
Jan.	—	0	3	18	126	461	139	0	80	13	8 20	21	12 4 5	
Feb.	—	0	1	6	165	416	109	0	60	11	13 17	19	13 22 40	
Mar.	—	0	1	1	228	376	139	0	80	11	20 13	17	1 8 50	
April	—	0	2	3	178	429	110	0	210	11	14 15	20	27 18 35	
May	—	0	0	0	145	475	124	0	200	10	23 16	19	29 19 30	
June	—	0	0	0	68	432	220	0	220	9	1 17	17	1 13 30	
July	—	0	1	1	139	408	196	0	215	11	3 19	20	3 18 20	
Aug.	—	0	0	0	52	509	183	0	205	10	17 14	17	17 16 45	
Sept.	—	0	0	0	159	447	114	0	205	10	20 22	19	20 21 20	
Oct.	—	0	1	1	107	399	237	0	10	11	22 5	23	30 13 25	
Nov.	—	0	1	11	152	412	145	0	180	13	27 5	25	27 4 50	
Dec.	—	0	2	21	138	394	191	0	200	13	27 14	23	27 9 35	
Year	—	0	12	62	1,657	5,158	1,907	0	180	13	Nov. 27 5	25	Nov. 27 4 50	

* See page 285.

466. Richmond (Kew Observatory). *Readings, in degrees absolute, at 9h., Greenwich Mean Time.* **1924.**

Day.	Jan.		Feb.		March.		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm	30 cm	122 cm
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	76·8	79·1	77·9	79·4	75·1	78·2	77·1	79·2	83·5	81·6	89·4	85·2	89·9	87·6	89·9	88·0	88·7	87·5	86·5	86·6	83·5	84·6	81·2	82·6
2	78·0	79·1	76·8	79·3	75·2	78·2	77·0	79·2	83·5	81·7	88·4	85·2	90·0	87·6	89·6	88·0	88·7	87·6	85·7	86·6	84·0	84·7	81·4	82·6
3	78·0	79·1	76·8	79·3	75·5	78·2	77·0	79·1	83·7	81·8	87·9	85·2	89·8	87·6	89·7	88·1	88·5	87·6	85·2	86·6	83·6	84·7	81·1	82·6
4	76·6	79·1	76·9	79·3	75·5	78·1	77·0	79·0	84·0	82·0	88·1	85·3	89·0	87·6	89·6	88·0	88·6	87·6	85·0	86·5	81·9	84·6	81·0	82·6
5	75·9	79·2	77·0	79·2	75·5	78·1	77·0	79·0	83·6	82·2	87·6	85·5	89·0	87·6	90·1	88·0	88·5	87·6	85·0	86·4	80·0	84·6	81·3	82·6
6	75·2	79·2	77·6	79·2	75·6	78·1	77·3	79·1	83·2	82·2	87·4	85·5	89·0	87·4	89·9	88·0	88·9	87·7	84·9	86·2	80·2	84·4	80·1	82·6
7	75·0	79·1	78·3	79·2	76·0	78·1	77·6	79·0	83·2	82·2	88·0	85·6	89·1	87·4	90·2	88·0	89·6	87·7	84·8	86·2	80·8	84·2	79·6	82·6
8	74·8	78·9	78·1	79·2	76·2	78·1	78·8	79·0	83·2	82·2	88·8	85·5	89·4	87·5	89·5	88·1	89·8	87·7	85·0	86·2	81·2	84·1	79·1	82·6
9	74·9	79·0	77·7	79·3	76·0	78·2	79·1	79·1	83·0	82·3	88·6	85·7	90·1	87·5	90·0	88·1	89·4	87·7	84·7	86·1	81·0	84·0	78·8	82·5
10	74·7	78·8	78·0	79·3	75·9	78·2	78·5	79·1	84·3	82·3	88·8	85·7	90·9	87·4	90·4	88·2	88·4	87·7	85·4	86·0	81·0	83·9	78·0	82·2
11	74·8	78·7	78·3	79·3	75·5	78·2	78·0	79·2	84·2	82·3	88·6	85·7	91·1	87·5	90·5	88·1	87·9	87·7	85·9	85·9	81·0	83·8	77·8	82·2
12	76·1	78·6	77·7	79·3	75·9	78·2	77·5	79·2	84·9	82·4	88·2	85·9	92·1	87·7	90·6	88·2	88·0	87·7	85·9	86·0	82·0	83·6	77·5	82·1
13	77·2	78·5	77·8	79·3	75·9	78·2	77·9	79·3	85·1	82·6	88·5	85·9	92·2	87·8	89·9	88·1	88·5	87·7	85·9	85·9	82·0	83·6	77·8	81·9
14	77·8	78·5	76·5	79·3	75·9	78·2	79·0	79·2	85·4	83·0	87·0	86·0	91·4	87·9	89·9	88·2	88·8	87·8	85·8	86·0	81·8	83·6	77·8	81·9
15	78·2	78·7	75·8	79·3	75·6	78·2	79·6	79·2	86·2	82·9	87·7	86·1	91·7	88·1	90·0	88·3	88·0	87·7	85·9	86·0	81·6	83·6	77·0	81·6
16	77·5	78·8	75·2	79·3	76·6	78·3	79·6	79·3	86·7	83·0	89·0	86·0	91·8	88·0	89·7	88·2	88·0	87·7	85·6	86·0	80·2	83·4	78·5	81·5
17	76·8	78·9	75·0	79·2	76·6	78·3	79·9	79·4	86·4	83·2	89·9	86·1	91·4	88·1	89·3	88·2	88·4	87·7	85·2	86·0	79·4	83·4	79·1	81·3
18	76·8	78·9	74·6	79·1	76·6	78·3	80·2	79·8	87·0	83·3	90·0	86·1	89·6	88·2	89·0	88·2	88·0	87·6	84·4	85·9	78·0	83·2	78·8	81·2
19	78·4	79·0	74·5	78·9	76·6	78·4	81·1	79·7	87·0	83·5	90·1	86·2	90·0	88·2	88·2	88·1	87·5	87·6	84·1	86·0	78·6	83·1	79·5	81·3
20	78·6	79·1	74·5	78·7	76·9	78·3	81·9	79·9	87·9	83·8	90·1	86·2	90·1	88·2	88·0	88·1	88·0	87·6	84·0	85·8	78·6	83·0	80·2	81·3
21	78·1	79·1	74·6	78·6	76·9	78·4	83·0	80·2	87·9	84·0	89·7	86·4	90·3	88·2	88·4	88·1	88·0	87·5	84·3	85·7	79·5	82·7	79·7	81·3
22	78·9	79·2	74·6	78·5	77·2	78·4	84·1	80·2	88·5	84·0	90·2	86·5	89·8	88·2	88·0	88·1	87·5	87·5	84·4	85·6	79·9	82·6	79·2	81·4
23	79·0	79·2	75·0	78·4	78·9	78·4	84·0	80·3	88·0	84·3	90·6	86·7	89·7	88·1	87·9	88·1	86·9	87·3	82·9	85·6	80·5	82·5	79·0	81·4
24	79·0	79·2	76·3	78·3	80·0	78·4	83·1	80·7	87·1	84·3	91·1	86·8	90·0	88·2	88·0	88·0	86·2	87·3	81·5	85·3	81·0	82·5	79·9	81·4
25	79·0	79·4	75·8	78·3	80·2	78·7	83·5	80·9	86·9	84·5	91·6	87·0	89·4	88·1	87·5	87·9	85·9	87·1	81·0	85·2	80·6	82·5	80·0	81·3
26	77·8	79·4	75·5	78·3	80·5	78·9	83·5	81·1	86·9	84·6	92·1	87·0	89·2	88·1	87·7	87·7	85·9	87·1	81·1	85·2	81·5	82·5	79·9	81·4
27	77·8	79·5	75·0	78·2	79·6	79·1	83·1	81·2	87·1	84·6	92·3	87·1	89·0	88·1	87·9	87·7	86·0	87·0	82·2	85·0	81·6	82·6	79·9	81·3
28	77·0	79·5	75·0	78·2	78·6	79·2	82·5	81·3	87·1	84·7	91·6	87·3	89·5	88·0	87·5	87·6	85·5	87·0	83·0	84·7	80·6	82·6	80·0	81·3
29	76·9	79·4	74·9	78·1	78·0	79·2	82·9	81·3	88·2	84·8	90·8	87·4	88·7	88·0	87·9	87·6	85·7	86·8	83·6	84·7	80·5	82·7	78·5	81·3
30	77·3	79·3	—	—	77·6	79·2	83·6	81·3	88·4	84·9	90·6	87·5	88·9	88·0	88·2	87·5	86·2	86·6	84·0	84·7	81·2	82·6	79·0	81·2
31	77·6	79·3	—	—	77·1	79·2	—	—	89·1	84·9	—	—	89·6	88·0	88·8	87·6	—	—	83·6	84·6	—	—	79·0	81·2
Mean	77·1	79·1	76·3	78·9	76·9	78·4	80·1	79·8	85·8	83·2	89·4	86·1	90·1	87·9	89·1	88·0	87·8	87·5	84·4	85·8	80·9	83·5	79·3	81·8

The initial 2 or 3 of the readings is omitted; *i.e.*, 275·0 degrees absolute is written 75·0. Annual Means: at 30 cm. 283·1; at 122 cm. 283·3

MINIMUM TEMPERATURE "ON THE GRASS" DURING THE INTERVAL 18H. TO 7H. G.M.T.

Readings, in degrees absolute.

467. Richmond (Kew Observatory). **1924.**

Day.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.	a.
1	76·3	70·8	72·9	71·0	80·1	83·9	**74·3**	81·9	81·8	83·1	75·0	77·4
2	78·6	67·5	70·8	70·3	74·0	81·1	83·1	85·5	85·2	76·2	82·1	78·1
3	72·6	70·7	67·1	72·6	80·0	78·7	84·9	81·9	81·4	75·1	72·5	76·8
4	66·8	71·6	68·6	73·9	74·1	83·3	82·2	85·6	85·6	76·3	65·5	72·9
5	**66·3**	73·0	63·7	74·2	72·5	82·8	81·2	88·5	81·7	78·3	**64·6**	81·0
6	67·5	79·0	69·7	**64·8**	**71·0**	76·1	82·5	81·2	79·5	76·8	70·3	76·9
7	66·8	75·2	72·7	68·1	74·3	82·7	82·0	83·9	86·2	78·2	77·8	69·1
8	71·3	75·3	70·0	72·8	74·3	85·0	83·2	78·4	85·1	82·3	80·8	72·4
9	70·1	75·0	63·9	69·0	74·0	82·5	82·1	78·9	84·9	77·1	72·0	71·0
10	71·1	76·5	**62·9**	66·8	80·4	84·0	81·3	78·0	80·3	84·1	77·7	70·7
11	72·8	74·4	65·7	71·2	80·8	84·6	82·9	80·4	77·1	84·6	75·3	72·2
12	74·4	74·9	67·8	69·2	82·0	82·5	83·0	80·9	84·0	79·9	82·0	72·9
13	77·5	75·6	69·6	71·2	81·5	83·7	85·2	79·2	87·1	79·9	80·5	75·5
14	79·9	71·8	66·0	78·0	78·5	78·1	78·5	80·3	84·0	77·9	80·0	69·4
15	76·7	**62·1**	65·4	74·0	77·7	**76·0**	78·2	81·3	78·5	83·1	79·1	**67·7**
16	72·2	64·0	71·3	69·0	78·7	80·1	82·0	77·7	84·1	82·0	69·2	80·0
17	73·4	62·8	63·3	70·2	72·0	83·9	80·6	81·0	86·3	82·0	73·0	75·2
18	74·1	64·4	65·8	68·6	82·9	80·9	81·0	83·8	80·8	73·3	67·0	71·3
19	80·7	71·2	63·7	73·9	83·5	80·6	84·0	79·2	77·3	78·0	76·2	79·6
20	77·8	73·6	66·9	75·6	80·1	80·2	77·4	**74·9**	85·6	77·6	70·0	73·1
21	72·0	65·2	72·9	78·2	78·9	77·1	87·0	81·9	81·1	77·2	73·8	71·7
22	78·7	73·5	69·0	78·2	85·9	79·9	80·0	82·1	83·0	80·2	78·5	75·9
23	78·5	70·6	79·1	78·5	82·0	78·3	82·0	81·0	79·1	69·6	81·0	71·3
24	76·5	72·0	81·0	76·6	80·4	81·0	83·1	81·0	80·0	**68·3**	79·6	79·7
25	75·1	71·6	73·6	82·3	82·1	85·2	81·0	80·2	75·7	69·9	78·1	77·9
26	68·8	69·4	79·0	77·9	76·7	83·1	84·0	80·2	83·0	74·9	81·9	76·8
27	73·3	69·7	74·9	77·0	78·0	85·4	77·7	81·1	83·6	81·4	80·0	77·0
28	68·1	71·4	74·4	77·1	75·5	78·8	85·5	78·0	**75·6**	80·7	72·0	75·2
29	70·8	65·4	71·9	79·5	83·2	84·1	78·1	81·2	78·6	81·2	72·0	71·0
30	70·9	-	71·0	79·5	83·9	83·5	80·9	85·0	84·2	81·0	79·6	75·7
31	77·0	—	69·5	—	85·5	—	82·7	85·7	—	80·8	—	72·0
Mean	73·4	71·0	69·8	73·6	78·9	81·6	81·7	81·3	82·0	78·4	75·6	74·4

The initial 2 or 3 of the readings is omitted; *i.e.*, 275·0 degrees absolute is written 75·0. Annual Mean 276·8.

Note.—The minimum refers to the interval from 18h. the previous day

HEIGHT IN CM. ABOVE M.S.L. OF SURFACE OF UNDERGROUND WATER.

Daily Means and Extremes for Months.

468. Richmond (Kew Observatory). **1924.**

Day.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.	cm.
1	248	323	266	234	231	255	261	232	212	217	269	307
2	252	319	263	233	235	255	259	233	213	221	292	314
3	256	316	260	232	239	258	257	232	215	223	315	317
4	260	313	257	231	246	261	254	233	216	226	323	318
5	262	311	255	231	253	264	251	233	217	227	329	317
6	265	313	253	231	259	268	249	232	217	228	331	314
7	267	320	253	232	263	272	247	231	217	227	330	313
8	269	325	255	233	265	277	246	230	215	226	330	313
9	271	326	256	232	263	282	244	229	213	227	328	311
10	275	321	255	231	262	286	243	228	211	230	323	310
11	279	316	253	230	260	289	241	228	211	232	318	309
12	281	312	251	229	257	290	239	226	210	234	314	307
13	282	308	250	227	255	289	237	224	209	237	316	305
14	283	302	248	226	254	290	235	223	209	239	320	304
15	283	298	246	224	254	291	234	224	211	242	322	303
16	283	294	243	224	253	291	233	226	213	244	321	300
17	281	289	240	225	252	292	232	227	214	244	319	297
18	279	285	238	226	254	291	231	227	213	243	317	297
19	280	282	236	227	257	290	231	226	213	243	313	297
20	278	279	235	227	258	288	235	225	213	242	309	296
21	281	277	234	229	260	286	238	224	211	242	305	296
22	285	275	233	230	261	286	241	222	209	240	301	297
23	292	274	234	231	262	286	241	220	208	240	297	296
24	301	274	233	232	264	285	240	219	207	242	294	295
25	309	273	233	232	264	282	238	217	205	244	291	296
26	317	271	234	231	263	279	235	215	204	246	289	301
27	323	271	236	229	261	276	233	213	204	247	287	308
28	327	269	238	228	260	272	231	212	207	248	285	*500**
29	329	268	239	228	259	268	230	211	211	250	289	473
30	329	--	237	229	258	264	230	210	215	252	297	471
31	327	—	235	—	256	—	231	211	-	258		465
Mean	280	297	245	229	256	279	240	224	211	237	309	327

Annual Mean 262 cm.

Extremes for the months:—Jan., 330, 246; Feb., 329, 267; Mar., 267, 233; Apr., 235, 224; May, 265, 230; June, 293, 254; July, 262, 230; Aug., 233, 209; Sep., 217, 203; Oct., 263, 216; Nov., 331, 263; Dec., 500*, 294.

469. Richmond (Kew Obs.). — January, 1924.

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Nb. : Fr-Nb.	A-St. : St-Cu.	St-Cu.	10	10	10	10	10	10	●0	●0	≡0	d0	≡0	…	● at intervals.
2	St-Cu.	A-St. : A-Cu. : St-Cu. : St.	Nb.	10	10	10	10	10	5	≡0	d0	≡0	≡0	d0	≡0	d0 a: d 016h. 30m., ● 17h. 5m. to 45m: ● p 18h. 38m. to 45m., bcm n :
3	A-Cu. : St. : St-Cu.	Fr-Cu. : St-Cu.	—	4	8	5	2	0	0	⌊ ⌊	≡0	…	80	80	⌊	⌊ early a : fine p and n : ≡ 22 h.
4	St.	St.	St.	10	10	10	10	10	10	≡ ⌊	≡2 ⌊	≡ ⌊	≡	≡0	…	≡ and ≡° till about 17h, ⌊ a : o n :
5	St-Cu.	Ci.	—	5	3	1	2	0	0	⌊	≡	80	80	≡0	≡0 ⌊	b m x to b z a : b z p : b m x n :
6	St.	—	—	2	0	0	—	0	0	≡0 ⌊	≡	80	—	…	⌊	bmx early a: bfx at 9h., bz to b p:bx n:
7	—	—	St.	0	0	0	3	10	10	≡0 ⌊	≡ ⌊	≡	≡	≡	≡	bmx, bfx to bf a : bf to of.
8	Nb.	St.	St.	10	10	10	10	10	10	≡0 ●0	≡ d0	≡	≡ d0	≡0	●	omr0 to ofg a : ofd0 p : omr, oqs n :
9	St.	St.	St.	10	10	10	10	10	10	q ≡0	q ≡0	≡0	≡0	≡0	≡0	omq a : om p and n :
10	St. : St-Cu.	A-St. : A-Cu.	St.	7	10	10	10	10	10	≡0	≡	≡0	≡	≡ ●	≡ ●	⊠ 9h. oms to om a : of to or p : ofr n :
11	St.	A-St.	St.	2	2	0	8	4	8	…	…	…	80	≡0	≡0 q	● early a : b to cz p : onqr n :
12	St.	A-Cu. : St-Cu.	St-Cu.	10	10	9	10	10	7	≡q0d0	●0	p0	…	…	q	omqd to op a : op to o p : cq n :
13	St-Cu.	Ci. : A-Cu. : St.	St.	8	6	7	—	9	10	q d0	…	80	—	80	d0	czqd to cz a : cz to oz p : odom n :
14	St.	St-Cu. : St.	St-Cu.	10	10	10	10	5	8	≡0	d0 ≡0	≡0	…	…	≡0	om, odm, a : om, o p : cm to bw n :
15	St-Cu.	Ci.	Ci.	1	4	8	7	2	8	p	p	80	…	≡0	≡0	bw to cz a : c p : ▯ 18h. 30m., o c fwx n :
16	St.	Ci.	Ci.	8	8	6	6	6	9	≡ p	≡ ⌊	≡	≡	≡	≡0	cx to bcf a : bcf p : om n :
17	St.	Nb.	Nb.	10	10	10	10	10	10	d0	≡ d0	≡ d0	≡ d0	≡ d0	≡	omdu to ofdg a : ofdg p : of, oro n :
18	A-St. : St-Cu.	Nb.	St.	10	10	10	10	10	9	…	≡0 d0	≡0 ●0	≡0	≡0	≡0	or, odm a : om p and n :
19	Nb.	Fr-Cu.	St-Cu. : Fr-Cu.	10	9	4	9	5	10	● q	● q	…	u	…	…	oqr a : bc to oupq p : op n
20	Ci. : A-Cu. : St.	Ci. : A-Cu. : Cu.	A-Cu.	4	8	9	—	4	0	…	≡0	≡0	—	≡0	≡0 p	oqr to bc a : cm to bm p : bmw to omw n :
21	Nb.	Nb.	Nb.	10	10	10	10	10	10	≡0 ●	≡0 ●0	≡0 ●	≡0 ●	≡0 ●	≡0 ●	orm all day.
22	St-Cu. : Nb.	High St-Cu.	Nb. : St.	10	10	10	10	10	10	≡0	≡0	…	≡0	≡0 ●	≡ ●	om a : orm from 17h.
23	St.	St.	St.	10	10	10	10	10	10	≡0 ●0	≡0	≡ g	≡ d0	≡0	≡0	omd till 7h. 10m., omg p : om n :
24	St. : St-Cu.	St. : St-Cu.	Nb	9	9	10	10	10	10	≡0 p	≡0	≡0 ●0	≡0 ●	≡0 ●	≡0 ●	p early, om a : omr p and n :
25	St.	—	—	1	0	0	0	0	0	≡0	≡0	…	80	≡	≡ ⌊	bm to bz : bfx n :
26	St. : St-Cu.	St. : St-Cu.	A-St.	10	10	10	9	7	0	≡0 p	≡	≡0	≡0	≡0	⌊ p	omw to of a : om p : bw n :
27	Ci. : A-St. : St.	Ci. : A-St.	—	7	2	3	—	0	0	…	…	…	—	≡0		bcw to b a : b p : bx n :
28	St. : Cu.	Cu. : St-Cu.	A-St.	5	2	7	7	3	2	≡0	…	…	…	≡0	≡0	bcmx to b a : cm p : bw to omw n :
29	Ci-St. : St.	A-St.	St-Cu.	10	10	10	10	10	3	≡0	≡0	≡0	≡0	≡0	≡	omw to om a : om p : bcf n :
30	St.	St.	St.	10	10	10	9	10	10	≡	≡ d0	≡	≡0	≡	≡	ofw to ofd0 a : om of p : of n :
31	St.	A-St.	St-Cu.	10	10	10	10	10	10	≡0	⌊	≡0	≡0	≡0	≡0	om of a : om p and n :
Mean Cloud Am'nt				7·5	7·5	7·4	8·2 *	6·9	6·7							

470. Richmond (Kew Obs.). — February, 1924.

1	St.	—	—	1	0	0	0	0	1	⌊	…	…	…	≡0	≡0 ⌊	⌊ a o n ≡0 n :
2	St.	Ci-Cu.	St-Cu.	3	7	7	8	9	3	⌊ ⌊ ⌊	≡0	…	…	…	…	⌊ a : bc a : c p : bc b n :
3	A-St. : St.	Cu.	St-Cu. : St.	3	2	8	—	10	10	≡0	…	—	…	…	…	bmx a : c p : o n :
4	St.	St. : St-Cu.	St-Cu.	1	8	10	10	10	4	…	…	…	…	≡0	…	b to c a : o to bc : p & n :
5	St. : St-Cu.	A-Cu.:A-St.:St-Cu.	St-Cu.	8	10	10	10	10	5	…	…	…	…	…	q	b to c a : o p : o to bcq n :
6	St.	St-Cu. : Nb.	St-Cu.	10	10	10	9	10	10	● p	●0	…	…	…	…	p 7h.–7h. 10m., 9h–9h 12m., o to c to
7	St-Cu.	A-St. : St-Cu.	A-St. : St-Cu.	9	10	10	10	10	10	≡0	≡0	80	80	80	80	o m-oz a, p & n :
8	St-Cu.	A-St. : St.-Cu	St. : Fr-St.	10	10	10	5	9	2	≡0	≡0	≡0	80	80	≡0	p0 9h. 30m. o, o to bc, bc to b.
9	St-Cu.	St. : Nb.	St.	9	10	10	10	10	10	≡0	●0	●0	●	≡0	…	d0 a, ● p o n :
10	St.	St-Cu.	St.	10	10	10	—	10	10	…	≡0	≡0	—	≡0	≡0	om to of a : of to om p :
11	St-Cu.	St.	St.	10	10	10	10	10	10	…	≡0	≡0	≡0	≡0	…	om to o a, p & n :
12	St. : St-Cu.	St.	St.	10	10	10	10	10	10	≡0	≡0	≡	≡	≡0 ●0	≡	om to of g at 13h. omd to ofe n :
13	St.	St.	A-St. : St. : St-Cu.	10	10	10	10	10	10	≡0 q	q	≡0 q	q ✱0	80 q	q	(gust) 16h. 35m. oq to o q g a : o, m s to o q p & n :
14	St-Cu.	St-Cu.	St-Cu.	10	10	10	10	10	3	…	…	…	…	…	≡0	o c o a & p : b c m n : ⌊ n :
15	St.	Nb.	St.	1	2	10	9	10	10	≡0 ⌊	≡0 ⌊	≡0 ✱	≡0	≡	≡	b m x a : o m s p : f n :
16	St-Cu.	Cu.	—	10	2	5	7	0	2	≡0 ⌊	≡0	80	80	≡0	≡0	≡ early a : of to o m a : b c z to cy f bm n:
17	A-St.	A-Cu. : St.	—	2	2	7	—	0	0	≡0 ⌊	≡0 ⌊	≡	—	≡ ⌊	≡ ⌊	b m x a : c f p : b f x n :
18	St.	Nb.	St-Cu.	1	7	10	8	4	9	≡0 ⌊	≡0 ⌊	≡0 ●0	≡0	≡0	…	b f x to c m x a : o m d to c m p : b c m to o n : ✱ 23h.–10m.
19	Nb. : St-Cu.	A-St. : Nb.	St-Cu.	10	10	10	10	10	10	✱	…	✱	≡0	≡0	≡0 ●0	✱0 4h. 45m. : ✱0 p 12h. 35m.–13 15m. o so a : o m to o d p & n :
20	St-Cu.	St.	St.	10	10	10	10	10	10	≡0	≡0	≡0	≡0	≡0	≡0	o m a : o m g p : o m n :
21	St-Cu. : St.	St.	St.	8	10	10	10	10	10	≡0 ⌊	≡	≡0	≡	≡	≡	o m x o f x a : o m to o f, p : o f n :
22	St-Cu.	A-St. : Nb. : St-Cu.	A-Cu. : St-Cu.	10	10	10	9	10	8	…	…	●0	…	…	…	o, a : o r0 p : o c n :
23	Ci-Cu. : St-Cu.	A Cu. : Cu. : Fr-Cu.	A-St. : A-Cu.	3	9	9	10	9	1	≡0 ⌊	…	…	…	…	…	b x c o, a & p : o b c b n : △ about 11
24	St-Cu.	St-Cu.	A-St : Fr-Nb.	7	10	10	—	10	10	…	≡0	●0 ≡0	—	●0	●0	d0 12h. 25m., R 15h. 30m.–16h. 40m. r 17h. 10m.–18h. and 21h. 03m
25	St-Cu.	M-Cu.: St-Cu. : Nb.	Nb.	10	10	10	10	10	4	≡0	≡0 ●0	≡0	…	≡0 q	q	r 6h. 15m., R 8h.–8h. 30m ✱ 16h. 15m –35m., 17h. 25m.—58m.
26	St-Cu. : St.	A-Cu. : Cu. : St-Cu.	St-Cu.	1	6	8	10	10	10	…	≡0	…	80	≡0	≡0	b, bc, c to o s o ✱0 15h. 05m. ar 15h. 40m.
27	St-Cu.	Ci. : Ci-St.	A-St. : St-Cu. : St.	10	3	8	7	10	10	≡0 ⌊	≡0	…	…	80	≡0 ✱	o m x, bm, c a : o p h p : oz to oms △ 17–18h, ✱ 20h. 15m.–22h. 30m
28	A-Cu. : St. : Fr-St.	Cu.	St-Cu.	7	1	5	7	1	3	…	≡0	…	…	…	…	c to b c a : c p s bc b p : c ps, bc b ✱0 15h. 40m. and 16h. 10m.–20m
29	Ci. : A-Cu. : St-Cu.	St-Cu.	St. : Fr-St.	8	10	9	10	10	9	⌊	…	…	●0	…	…	● p0 14h. 10m., ●0 15h. Line q ● ▲ 15h. 58m.–16h. 10m.
Mean Cloud Am'nt				7·0	7·6	8·8	8·5 †	8·3	7·0							

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.

Note.—Observations are not taken at 15h. on Sundays, Good Fridays and Christmas Day.

* Mean of 27 days. † Mean of 25 days.

471. Richmond (Kew Obs.). **March, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Ci. : St-Cu. : Fr-Cu.	Ci-St. : Fr.-Cu.	Ci-St.: A-St.: St-Cu.	5	1	2	7	8	7	...	...	...	...	...	≡0	o c bc b y *a* : by, bcy, cy *p* : cy c *n* :
2	St-Cu. : Fr-Cu.	Ci-Cu. : A-Cu. : Fr-Cu.	A-St. : Nb. : Fr.-Nb.	8	10	9	–	10	0	≡0	...	...	—	≡0 ✳	...	✳ early *a* and 15h. 30m. ✳ 17h. 37m.–18h. 35m. ∼ *n* :
3	Nb.	Ci. : St-Cu.	A-St. : Fr-St. : St.	10	0	5	6	10	2	≡0 ✳	≡0	...	...	...	...	✳ oh. 10m.–5h. and 6h. 30m. bc, b *p* : ●0 △ 22h. 37m.–52m. ●0 18h. 15m.–19h. 15m.
4	A-Cu. : St. : St-Cu.	Cu.	St-Cu.	9	10	5	4	4	2	≡ ⌊	≡0	...	...	8 0	≡0	b x early *a* : o c bcy to bc, bx *n* :
5	St.	Cu.	Ci.	1	3	5	4	1	8	≡ ⌊	≡ ⌊	...	...	8 0	...	bfx—bc—b, bc, c, cloudy *n* : ●0 23h. 40m.
6	Nb.	St. : St-Cu.	St-Cu.	10	10	10	10	10	5	≡ ●	≡0	≡0	≡0	≡0	≡0	p early *a* : omg, *p* : bcm, *n* :
7	A-St. : St.	—	—	10	10	0	5	0	3	≡0	≡0	8 0	8 0	≡	≡	o c bc *a* : b, bc *p* : bf *n* :
8	St-Cu. :	Ci.	Ci.	8	7	1	1	5	0	≡0	≡0	8 0	8 0	8 0	8 0 ⌊	bfx early *a* : c *a* : b, *p* : bcx *n* :
9	Ci-St.	Ci-Cu. : A-Cu.	A-Cu. : St.	1	0	3	–	3	0	≡ ⌊	≡0	...	—	8 0	8 0	bx—b.
10	—	—	—	0	0	0	0	0	0	≡ ⌊	≡ ⌊	8 0	8 0	≡	≡0 ⌊	⌊ ≡2 early *a* : bz, bmfx.
11	St.	—	—	10	10	0	0	0	0	≡2 ⌊	≡2	...	...	≡	≡	≡2 to 10h. 30m. ofx *a* : byz *p* : bf *n* :
12	—	—	—	0	0	0	0	0	0	≡ ⌊	≡	8 0	8 0	8	≡0	bfx *a* : byz *p* : bm *n* :
13	—	—	—	0	0	0	0	0	0	≡0 ⌊	8	8 0	8	8	≡0	bx *a* : by *p* : bm, *n* :
14	Ci-St.	—	Ci. : Ci-Cu.	1	0	0	0	3	5	≡0 ⌊	8	8 0	8 0	8 0	≡0	bx *a* : by *p* : bc, m *n* :
15	St-Cu.	Ci. : Ci-haze.	Ci. : Ci-St.	3	0	5?	5	5	9	≡ ⌊	≡ ⌊	8 0	...	8 0	8 0	bfx *a* : bcy *p* : co. *n* :
16	St-Cu.	Ci-St. : St-Cu.	Ci-Cu. : A-Cu. : St.	9	8	9	–	6	0	≡0	≡0	...	—	8 0	8 0	oc *a* : oy *p* : cbcb *n* :
17	Ci. : Ci-St.	Ci-St. : Cu.	Cu. : Fr-Cu.	3	4	7	7	7	9	≡0 ⌊	...	...	...	8 0	8 0	bx bc *a* : c cy *p* : cy o *n* :
18	Cu.	Ci-St.	Ci-Cu. : St-Cu.	1	0	2	6	3	10	≡0 ⌊	8 0	...	....	8 0	≡0	bx bz *a* : by bcy *p* : by bc c o ◫ *n* :
19	—	—	—	0	0	0	0	0	8	≡0 ⌊	≡0	...	...	...	≡0	≡ ⌊ early *a* : by bc c m.
20	A-St. : St-Cu.	Ci. : Ci-St.	Ci-St. : A-St.	9	7	5	8	9	6	...	...	q	8 0	≡0	≡0	o c *a* : bq bc cz *p* : o c bc *n* : ◫ 20h.
21	St.	St.	A-Cu. : St.	10	10	10	10	10	3	≡0	≡0	≡0	≡0	≡0	≡	●0 7h. 40m. o om *a* : o *p* : o c bc bf *n* :
22	St-Cu.	Cu.	Ci. : St-Cu.	10	10	3	7	3	7	≡0	≡0 ●0	...	...	...	...	ome ond *a* : o c bc b *p* : bc b bc c *n* :
23	St-Cu. : Nb.	St-Cu.: Cu.: Fr-Cu.	Ci.: Fr-Cu.: Fr-St.	10	10	8	–	7	10	●	●	q	—	...	●0	●0 oh. 35m.–3h. 25m. ● 6h. 40m.–9h. 5m. and 9h. 30m.–11h. 30m.
24	St-Cu. : Cu-Nb.	St-Cu.	Ci. : A-Cu. : Fr-Cu.	10	10	10	8	9	1	...	...	...	...	...	...	o *a* : oc o *p* : c, bc, b *n* : [●0 *n* :
25	St.	Nb.	Nb. : St.	10	10	10	10	10	10	≡ ●0	≡0 ●0	≡0	≡0	≡0	≡0	r and d, intervals *a* & *p* ; omg to om at *n* :
26	St.	St.	St.	10	10	10	10	10	10	≡0	≡0	≡0	≡0	≡0	≡0	● 2h. 45m.–4h. om. ome *n* :
27	St. : St-Cu.	St-Cu.	St. : St-Cu.	10	10	10	10	10	10	...	...	...	...	...	...	o *a*, *p* & *n* :
28	St-Cu. : St.	A-St. : St-Cu.	A-Cu. : St.	10	10	10	10	9	7	...	...	...	...	...	q	o *a* & *p* : c q *n* :
29	St.	St-Cu.	A-Cu. : A-St.	2	7	9	6	7	1	...	...	...	...	...	...	cq bcq b *a* : bc c oy *p* : cy bc b *n* :
30	Ci. : Fr-Cu.	St-Cu.	St-Cu. : Cu.	6	6	10	–	5	0	...	q	...	—	...	...	bx bc *a* : bcq o c *p* : bcy b *n* :
31	St-Cu.	St-Cu.	A-Cu. : St-Cu.	10	10	9	7	9	9	...	...	...	...	8 0	...	b bc o *a* : cy *p* : o *n* :
Mean Cloud Am'nt				6·3	5·9	5·4	5·4*	5·6	4·6							

472. Richmond (Kew Obs.). **April, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	A-St. : St. : Fr-St.	Cu-Nb. : St-Cu.	St-Cu.	10	10	9	8	9	0	...	...	...	...	...	...	● *a* : oc, bc b.
2	St-Cu. : Fr-Cu.	St-Cu. : Nb.	St-Cu.	5	6	9	9	9	9	⌊	...	q	...	...	...	bcx, bcq, oprs *a* : oprsq *p* : oq, o *n* :
3	Cu. : St-Cu.	St-Cu.	Cu. : Nb.	2	9	7	9	9	10	...	...	...	q	...	...	c, bc, b, bc, o *a* : c o q *p* : o qprs, o *n* :
4	A-St. : St-Cu.	Nb.	St. : St-Cu.	10	10	10	10	10	10	●0	≡0	≡0 ●0	≡0	≡0	≡0	✳0 *a* : o *p* : o, cbc, c *n* : [prs 17h. 50m.
5	A-Cu. : St-Cu.			9	7	0	0	0	0	...	...	...	...	≡0	≡0	bc, c, oc *a* : bc, by *p* : b *n* :
6	St.	A-St. : St.	A-St. : St.	10	6	8	–	6	4	⌊	≡0	≡	—	≡	≡	bx, c, omw, bcf *a* : c, bc, f *p* : bcf,
7	A-St. : A-Cu. : St.	Ci-Cu. : Cu.	Ci-Cu. : A-Cu.:A-St.	5	0	5	6	6	0	⌊	≡0	...	...	...	...	bcmw *a* : bcy *p* : b *n* : [bmw *n* :
8	A-Cu. : St. : St-Cu.	A-St.: A-Cu.: St-Cu.	Nb. : St-Cu.	9	9	9	9	10	2	...	...	...	...	...	...	b, bc, c, ow *a* : oy *p* : bc, b *n* :
9	St-Cu.	Ci. : Cu-Nb. : Cu.	A-Cu.: Cu.: Fr-Cu.	9	9	9	9	8	8	≡0	...	● p	...	≡0	...	✳ 3h. 25m.–5h. 20m. ▲ 10h. 5m. ✳ 15h. 30m. and 16h. 28m.–17h. 50m.
10	A-St. : A-Cu. : St.	A-St. : St. : St-Cu.	Nb.	8	9	10	9	10	10	⌊	≡0	...	≡0 T	≡0 ●	≡0 ●	✳ *a* : ● *p* & *n* : ✳ 10h.–11h. 15m., T 14h. 55m. and 16h. 10m.
11	St. : Nb.	A-St. : Nb.	Fr-St.	10	10	10	10	4	2	...	≡0	≡0 ●0	≡0 ●0	≡0	≡ ⌊	●0 4h. 50m.–5h. ✳ 10h. 45m.–12h. 15m, ●° *p* : b f x *n* :
12	St. : Nb.	Ci. : Nb. : Cu-Nb.	Ci-Cu.: Ci-St.: Nb.	10	9	5	10	9	9	...	...	...	...	...	...	● *a* : ▲ 13h. 35m.–45m. and 17h. 0om.–17h. 30m. g *p* : ●° *n* :
13	—	Ci. : A-Cu. : Cu.	Nb. ; Fr-Cu.	0	0	5	–	10	10	⌊	...	...	—	●	●	Fine *a* & *p* : ● *n* :
14	Cu-Nb.	St-Cu. : Fr.-Nb.	Fr-Cu.	10	10	10	4	7	4	●0 q	●0	q	q	...	...	orq *a* : oq, bcq *p* : bcq, c, bc *n* :
15	Nb.	Ci. : Ci-St.	Ci.	10	10	8	5	2	0	≡0 ●0	≡0	...	...	...	≡0 p	orm early *a* : bcy *p* : by, bmw *n* : [13h., bcy *p* : bmw *n* :
16	A-St.	Ci-Cu.	Ci-Cu.	4	7	8	6	3	2	≡0 ⊕	...	⊕	...	...	≡0 p	⌊ ≡0 early *a* : ⊕ 7h, 9h. 30m. and
17	St-Cu.	Cu.	—	2	1	2	1	0	0	pp ≡0	...	...	...	...	...	bmw, bzy *a* : by *p* : b, bm *n* :
18	—	Cu.	Ci-St. : A-Cu. : Cu.	0	0	1	–	8	10	≡0	...	...	—	...	◫	fx early *a* : bmw, by, bcy *p* : cy o, *n* :
19	Ci-Cu. : A-Cu.	Ci. : Ci-St.	Ci.	4	5	8	9	2	7	...	...	⊕	⊕	...	p◫	o, c, bc *a* : cy, oy *p* : by, bc, c *n* :
20	A-Cu.	A-Cu.	Ci.	4	5	7	–	7	2	. .		...	—	...	p	c, bc, *a* : cy, *p* : bw *n* :
21	A-Cu.	A-Cu.	Cu.	2	1	4	5	7	10	pp .	...	...	...	...	...	bw, b *a* : bcy, bc *p* : c, o *n* :
22	St-Cu.	A-St.:A-Cu.:St-Cu.	Nb. : St-Cu.	9	10	9	9	10	10	...	...	...	...	...	...	ow, o, c *a* : bc, c, o *p* : o *n* :
23	St.	St. : St-Cu.	St. : St-Cu.	10	10	10	10	10	10	≡°	≡0	...	...	...	●0 ≡0	o, om *a* : o *p* : or, o *n* : ●° 21h. 30m.–40m.
24	A-St. : St.	St-Cu.	Ci.:Ci-St.:Ci-Cu.: St-Cu.	10	9	10	9	9	10	...	...	...	...	...	...	o, orp, o *a* : o, c, o *p* : op o, *n* : ●° 21h. 45m.
25	A-St. : Fr-Nb. St-Cu.	Ci. : Fr-Cu. St-Cu.	Cu. : Fr-Cu.-Cu-Nb.	10	10	8	7	6	6	...	●	...	...	...	...	o, r, o *a* : c, o *p* : bc *n* : ●° 8h.–9h. ● 9h.–10h.
26	St-Cu.	St-Cu. : Nb.	Cu.	10	10	10	10	6	10	...	●	●	...	...	●	● p all day.
27	Ci.	Nb.	Ci-Cu. : A-Cu.: Cu-Nb.	3	9	10	–	8	3	...	...	●	● q	...	...	o, bc, b early *a* cor, orq, cuorq to b gust 18h. 35m.
28	Nb. : St-Cu.	Nb. : St-Cu.	Fr-Cu. : Nb.	10	10	9	10	9	2	●	...	●0 p	...	●0 p	...	● p 4h. 40m.–5h. ● 5h. 30m.–7h. 10m., orobco *a* : coqp *p* : cbcb *n* :
29	St-Cu.	A-St. : A-Cu. : Cu.	Nb. : St-Cu.	9	6	9	10	10	10	...	...	...	...	●	●	● p early *a* : bc, c, p, o, bccoy, oro ●0 16h. 10m., ● 17h.–21h.
30	St. : St-Cu.	Nb.	Nb. : St-Cu.	10	10	10	10	10	10	...	●0	●0 p	●	...	...	● and ● p all day.
Mean Cloud Am'nt				7·1	7·2	7·6	7·8†	7·1	6·0							

* Mean of 26 days. † Mean of 25 days.

469. Richmond (Kew Obs.). **May, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Nb.	Cu-Nb. : St-Cu.	Cu. : Cu-Nb. : Nb.	10	10	9	9	9	1	≡⁰ ●⁰	≡⁰	...	...	8⁰	≡⁰	● p, o *a* : ouj, p, c *p* : bm *n* :
2	Nb.	St-Cu.	A-Cu. : St-Cu.	10	10	6	9	7	8	●	...	...	...	...	...	● 6h. 30m.–7h. or, o *a* : bc, c *p* : c *n* :
3	St-Cu.	A-Cu. : Cu.	Ci. : A-Cu. : Nb. : Cu-Nb.	10	9	7	8	9	10	≡⁰	...	...	●⁰ p	...	●⁰	ow, *a* : coprh *p* : or, o ▲ 14h. 40m.–15h. 05m., ↖ 15h. 42m. ● p at *n* :
4	St-Cu.	St-Cu. : Nb. : Cu.	A-Cu. : St-Cu. : Nb.	8	2	9	–	7	4		...	●⁰ p	—	...	...	cr, cw, bc *a* : op, cp, bc, c *p* : bc, c, ▲ ● p 18h. 30m.–40m.
5	Ci-Cu.	Cu.	Fr-Cu. : Nb. : Cu-Nb.	1	3	3	8	5	1	≡⁰	...	...	...	...	...	b, bmw, *a* : by, bcjr *p* : bc, b *n* : ● p 17h. 45m. ⌒ 17 h. 55 m.
6	Ci. : A-Cu. : Cu.	A-Cu. : Cu. : St-Cu	St-Cu. : St.	7	8	8	8	10	10		...	...	...	...	≡⁰	b, bc, cw *a* : c, o, c *p* : o *n* :
7	Ci-Cu. : St-Cu.	Cu.	Ci. : Cu-Nb. : Cu.	5	9	6	6	7	3		...	()	()	()	...	bcw, c, o *a* : bcyv *p* : cvyjp, bc, b, ● p 18h. 13m. ⌒ 18h. 15m.
8	Ci-St. : Cu. : St.	Cu. : Cu-Nb.	A-St. : Nb.	9	10	6	10	10	2	...	...	()	...	...	...	bc, op, *a*, bcy, oup, *p* oc, bc, b, ● *n*
9	—	Ci-Cu. : Cu.	A-Cu. : St-Cu.	0	1	3	9	9	10		...	...	...	...	...	bw *a* : by, bcy *p* : oy, o *n* :
10	St-Cu.	St-Cu. : Nb.	St-Nb.	10	10	10	10	10	10	●⁰	...	●⁰	●⁰	●	●	odo *a* & *p* or *n* :
11	Ci-Cu. : St-Cu.	St-Cu. : Cu-Nb.	A-St. : St. : Fr-St.	8	7	9	–	10	10	...	...	...	—	...	●	● at intervals throughout.
12	St-Cu. : Nb.	St-Cu.	St-Cu. : St.	10	10	10	10	10	10	...	...	...	...	...	●	●and ● p early *a* : o, c, o *a* & *p*: ● *n* :
13	Nb. : Fr-Nb.	St-Cu.	Ci. : Ci-Cu. : Cu.	10	10	9	9	7	1	●⁰	...	...	...	...	p	odo *a* : opo, *p* : cbc bw *n* : ● p oh. 30m. and 1h. 40m. ● p⁰ 11h 15m.
14	Ci-St.	Ci. : A-Cu.	A-Cu. : St-Cu.	2	1	8	8	8	4	≡⁰	...	...	...	...	...	crtlbcb *a* : cp *p* : bcp *n* : ↖ 1h. 37m.–3h.30m. ●²2h. –2h.30m. ▯21h.15m.
15	A-Cu. : A-St. : St.	Ci. : A-Cu. : Cu.	St-Cu. : Nb.	8	6	8	9	10	8		...	...	...	...	p	bc, c *a* : bc, cy *p* : oy, cw *n* :
16	Cu.	Cu.	Cu.	5	5	5	6	1	1		...	...	...	...	...	bcw *a* : bcy *p* : b *n* :
17	Ci-St.	Ci-Cu.	A-Cu.	2	3	2	6	9	9	≡⁰	...	...	...	...	...	bw, *a* : by, bcy *p* : oy, o *n* :
18	A-Cu. : St-Cu.	Ci. : Ci-St.	A-Cu. : St-Cu.	10	10	3	–	9	6	...	...	...	—	≡⁰	...	o *a* : c, bc, by, cortl *p* : c *n* : ↖ 16h. 20.m ● 16h. 15m.–17h. 10m.
19	Ci. : Ci-St. : Fr-Cu.	Ci. : A-Cu. : A-St.	Ci. : Ci.-Cu. : Cu-Nb.	5	9	9	8	7	2	≡⁰	...	...	...	...	≡⁰ p	↖ 2h. 55m.–3h. 45m. ●² 3h. 20m.–50m. ●3h.50m.–4h.10m.T15h.55m.
20	A-Cu. : A-St. : St-Cu.	Cu-Nb.	St-Cu. : Cu-Nb.	3	4	8	7	10	3	≡⁰			...	...	≡⁰ ●⁰	...	Fine *a* : T 13h. 56m. ● p 14h. 5m.–12m. and 18h. 50m., fine *n* :
21	Ci. : Ci-St.	St.-Cu : Cu.	Ci. : A-Cu. : A-St.	5	6	9	10	9	9	≡⁰			...	...	...	...	bcw,bc, *a* oy, op⁰ *p* oroc ● p 19h.20m.
22	A-Cu. : Fr-Nb. : St-Cu.	A-St. : A-Cu. : St-Cu.	St. : St-Cu.	9	9	9	10	10	9	...	...	...	...	...	...	oro *a* : oco *p* : o, po, c, bc *n* : ●⁰ 6h. 30m. ● p 19h. 30m.
23	Ci. : A-St. : Cu.	A-Cu. : St-Cu. : Nb.	St. : Fr-Nb.	4	7	9	10	10	10	...	...	...	...	●⁰	●	bc, c *a* : cop, o *p* : or *n* :
24	A-Cu. : St-Cu.	A-Cu. : St-Cu. : Nb.	Fr-Cu. : St-Cu.	9	10	9	9	9	7	...	●	● p	...	...	...	●² 8h. 5m.–20m.– ● 9h. 10m., opc *p* : ● p 19h. 50m., c *n* :
25	St-Cu. : Cu-Nb.	Ci-Cu. : A-St. : Fr-Cu.	A-St. : St-Cu. : Cu-Nb.	9	9	6	–	7	7	...	...	...	—	...	...	odcqp *a* : coqtrhbc *p* : c *n* : T 11h. 34m. ▲ p 14h. 48m.
26	—	A-Cu. : Cu.	A-Cu. : Cu.	0	5	7	8	5	7		...	...	...	...	...	bw, bc *a* : cy *p* : c, b, c, b *n* :
27	Ci. : Ci-Cu. : Cu.	St-Cu.	Cu.	4	6	8	7	2	1	...	...	...	..	...	p	bc *a* : cy *p* : bcy, bw *n* :
28	—	Cu.	—	0	0	5	4	0	1	≡	≡⁰	...	...	...	...	bw, bf *a* : b, bcy *p* : b *n* :
29	A-Cu. : St. : St-Cu.	Ci. : A-Cu. : Cu.	A-Cu.	7	9	5	9	8	10	8⁰	8⁰	...	...	...	↖	bc, c, o *a* & *p* : cortlq ⌒ (gust) 19h.30m. ↖19h.20m. ●19h. 30m.–22h. 35m.
30	St-Cu.	St-Cu.	A-Cu. : Cu.	9	8	9	9	2	4	...	...	...	...	...	...	oc, *a* : o, c, bc *p* : bc, ▱ *n* :
31	A-Cu. : St-Cu.	St-Cu.	St-Cu. : St.	9	8	9	6	10	10	≡⁰	...	...	8⁰	8⁰	●≡	bcw, ort l *a*: bc *p*: orf *n*: ↖1h.–1h. 45m. ● 1h. 15m.–3h., 19h. 10m.–24h.
Mn.Cld Am'nt				6·4	6·9	7·2	* 8·2	7·6	6·1							

474. Richmond (Kew Obs.). **June, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Ci. : St-Cu. : Fr-Cu.	Ci. : Ci-Cu. : Fr-Cu.	Ci. : Ci-St. : Ci-Cu.	4	6	8	–	8	10	q	q	q	—	...	●⁰	orfbcq, cqorh, or, ●² oh.–oh. 30m. ● p *p* & *n* : ▲ 14h. 35m.
2	St-Cu.	St-Cu. : Nb.	Fr-Cu. : Nb.	10	10	9	7	1	10	≡⁰	≡⁰	≡°	...	...	...	● oh.–1h., 7h. 15m.–8h., 11h. 25m.–13h. ● p in *p* : T 17h. 2m.
3	Ci. : Ci-St. : St-Cu.	Ci. : Cu.	St-Cu. : St.	8	8	7	10	10	10	≡° p	8⁰	...	...	...	≡⁰ ●⁰	ocmw, *a* : cyo *p* : omdo *n*: [–after 24h.
4	A-Cu. : St. : St-Cu.	A-St. : Nb. : Fr-Nb.	Nb.	9	10	10	10	10	10	...	...	●	●	≡⁰ ●	≡⁰ ●	odmo *a* : or *p* & *n*: ● at intervals 9h.20m.
5	St-Cu. : Fr-Cu.	St. : St-Cu.	Cu.	10	8	9	9	4	1	≡⁰	...	...	...	...	≡⁰ p	● early *a* : om, c, oc, *p* c, bc, bmw. *n*
6	St-Cu.	A-Cu.	A-St. : St-Cu.	9	6	8	7	10	10	...	...	...	...	...	●°	bmw, c, bc, *a* cy, opd, *p* ● p 19h.
7	A-Cu. : St-Cu.	Ci-St. : St-Cu. : Cu.	A-St. : St-Cu.	8	9	10	10	10	10	...	...	...	...	...	●°	omd early *a*: c,o,op,or, ●p15h.15m. ●° 19h. 35m. ● 20h. 30 m.–23h. 35m.
8	A-Cu. : Fr-Cu.	St-Cu. : Nb.	Nb. : Cu.	7	8	9	–	9	2	...	...	●° p	—	●	...	● early *a*, ● p *p*, ⌒ 18h. 18m., fine *n* :
9	A-Cu. : St-Cu.	Cu. : St-Cu.	Ci. : Fr-Cu. : Nb.	9	8	8	10	9	6	...	...	...	...	...	...	bbco, *a* co, *p* o, opcbc ● p⁰ 18h. 40m. ● 23h. 15m.–after 24h.
10	St-Cu. : Fr-St.	Ci-St. : St-Cu. : Cu.	Ci-Cu. : Cu. : Fr-Cu.	9	6	9	10	8	9	...	...	...	...	...	...	or,ocbc, ● p *p* : c, o *n* : ● till 1 hr. ⊕13h.
11	St-Cu. : Fr-Nb.	A-Cu. : St-Cu. : Nb.	Ci. : A-Cu. : Cu.	10	10	9	9	3	6	●⁰ q	●	...	...	...	...	● intervals in *a* : ● p 14h. 15m.–35m., bc, c, op *n* :
12	A-Cu. : St-Cu. : Nb.	Ci. : Nb. : Cu-Nb.	Ci. : Nb. : Cu-Nb.	9	8	8	8	8	9	●	...	●°	T	●	●⁰	●²5 h. 48m.–6h. 5m. ⌒7h. 5m. ●p 8h. 10m.T10h.30m., 11h.10m., 14h.25m.
13	St. : Fr-Nb.	St-Cu.	St : Cu.	10	10	10	9	8	8	...	...	...	...	...	...	overcast till *p*: c *n*: [–35m., ● *p* & *n*:
14	St. : St-Cu.	Ci. : Cu.	—	10	10	4	3	0	1	...	...	...	...	...	p	c, bc, o, b, by, bw.
15	St.	A-Cu. : Cu.	A-Cu. : Fr.-Cu.	10	6	2	–	2	1		p	...	—	...	pp	bw early *a* & *n* : ow to by *a* : bc, by *p* :
16	Fr-Cu. : Cu.	Fr-Cu.	Ci. : Ci-St.	4	5	1	7	7	9	≡⁰ p	p	...	⊕	⊕	...	bcwm⁰, bc *a* : by, bcy, cy *p* : oy, o *n* : ⊕ during *p* :
17	Ci. : Ci-St. : St-Cu.	Ci-St.	Ci-St.	7	7	9	7	7	7	≡⁰ p	8⁰	8°	...	...	...	cmw,cz,oz *a*: cy, *p*:coltu *n*: ●°22h.20m. ↖22h. 0m.–22h. 35m. ●° 22h. 30m.–35m.
18	A-Cu. : A-St. : Fr-Cu.	Ci. : A-Cu. : Fr-Cu.	Ci. : Fr-Cu.	9	9	4	5	4	9	...	...	...	...	...	p⁰	oc, *a* : bcy *p* : c, or *n* ●⁰ 21h. 22m. ● 22h. 5m.–24h.
19	Ci. : St-Cu.	Cu.	Ci. : Cu.	7	7	6	6	2	4	...	...	...	...	...	p	o, c, bc *a* : bcy, by *p* : by, bcw *n* :
20	A-Cu. : A-St. : St-Cu.	A-Cu. : Cu-Nb.	A-Cu. : St-Cu. : Nb.	8	9	7	9	9	7		...	...	...	...	...	cw, o, cy, oy *p* : o, bc, c, b, ●p 16h.
21	Ci-St.	Cu.	A-Cu. : Cu.	1	1	4	4	8	7		...	...	...	...	p	b, bw *a* : bcy *p* : bcy, c *n* : [45m.
22	Ci. : Ci-St.	Ci-St. : Cu. : Fr.-Cu.	Ci. : Cu. : St.	1	2	5	–	3	5	≡⁰	...	...	—	...	...	bc, b *a* : by *p* : bc, b, bw *n* :
23	Ci.	Cu.	A-Cu. : St-Cu. : Cu.	1	3	4	8	7	2	≡⁰	8⁰	...	...	...	...	bw, bz *a* : bcy, cy *p* : c, bc, bw *n* :
24	Ci-St. : Ci-Cu. : Cu.	St-Cu.	Ci. : Ci-St. : Cu.	4	7	9	8	4	2		...	...	...	...	...	bcw, c *a* : c, o *p* : bc, b *n* :
25	St-Cu. : Fr-Cu.	Ci. : Cu.	Cu.	8	10	3	3	2	1		...	...	...	...	...	bc, cw, o *a* : o, c, bc, b *p* : bc, cy, by, b *n* :
26	Ci.	Ci. : Fr-Cu.	Ci.	1	0	1	2	1	1	≡⁰	...	...	...	...	p	b, bw *a* : bvp *p* : bvy : bw *n*.
27	Ci. : A-Cu. : St-Cu.	Ci. : St-Cu.	A-St. : St-Cu. : Fr-Cu.	7	7	7	7	10	10	...	...	...	...	...	...	bc, oc, *a* : c, cop o *p* : ● p 19h. 25m.
28	Ci. : Ci-St.	A-St. : St-Cu. : Cu.	A-St. : St-Cu.	8	9	10	10	10	9		...	...	...	...	...	bc, cw, o *a* : oy *p* : o *n* :
29	Fr-Cu. : St-Cu.	Fr-Cu. : Cu.	Ci-Cu. : A-Cu. : St-Cu.	8	10	7	–	8	9		...	...	...	...	...	oco *a* : cy, bcy, c *p* : o *n* :
30	St-Cu. : Fr-Cu.	St-Cu.	St-Cu. : Cu-Nb.	2	9	9	7	9	2	p	...	...	...	...	...	bw, bc, c, o *a* : ocy *p* : o, bc, b *n* :
Mn.Cld Am'nt				6·9	7·3	6·9	† 7·4	6·7	6·2							

* Mean of 27 days. † Mean of 25 days.

475. Richmond (Kew Obs.). July, 1924.

Day	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	Det-Cu.	Ci. : Ci-St.	2	1	4	5	3	5	∞0 p	...	...	...	...	p 0	b, bw, *a* : b, bc, *p* : b, bw, *n* :
2	St-Cu.	Ci. : Cu.	A-Cu. : St-Cu. : Fr-Cu.	10	10	7	9	6	10	...	...	...	...	...	...	or, od, o, *a* : c, op, *p* : bc, p, o, *n* :
3	A-St.:A-Cu.:Fr-Cu.	St-Cu. : Nb.	St-Cu. : Nb.	9	9	9	10	9	9	...	...	●0 p	≡0 ●	...	q ()	or, o, *a* : op, or, *p* : oqv to b, *n* :
4	Ci-St. : Cu.	Ci. : Ci-Cu. : Cu.	Ci-St. : Cu. : Fr-Cu.	3	9	8	8	5	8	p ...	●0	q	()	...	...	b to or, *a* : cqv, *p* : bcy, c, *n* :
5	St-Cu.	Cu.	Ci-Cu. : St-Cu.	2	8	5	8	7	9	p	...	()	...	...	...	w, bcv, *a* : bcv, c, *p* : oc, or *n* :
6	St-Cu.	Ci. : St-Cu.	Ci-St. : Fr-Cu. : Cu.	6	8	8	–	7	2	...	...	()	—	()	...	or to bc, *a* : cv, *p* : b, bc, *n* :
7	A-Cu. : St-Cu. : Cu-Nb.	St-Cu.	Ci-Cu.:Cu.:Fr-Cu.	10	10	9	8	8	3	...	●0	...	...	...	...	bc, c, od, *a* : oc, *p* : c to b, *n* :
8	Ci. : Ci-St. : St-Cu.	Ci. : Det-Cu.	Ci-Cu. : Ci-St.	7	4	4	7	2	7	...	...	...	...	...	...	b, bcw, c, *a* : bcy, *p* : b to c, *n* :
9	A-St.:Fr-Nb. Cu-Nb.	Ci. : A-St. : Cu.	A-Cu.	10	9	2	1	6	3	p	...	...	...	...	...	.c, or, o, *a* : c, bc, b, *p* : bw, *n* :
10	Ci.	Ci. : Cu.	Ci-Cu. : A-Cu.	2	1	5	1	4	1	≡0 p	p	...	...	...	p 0	bw, b, *a* : bc, b, *p* : bw, *n* :
11	Fr-Cu. : Cu.	—		2	1	0	0	0	0	≡0 p	p	...	...	...	p	o to bw, *a* : b, *p* : bw, *n* :
12		Det-Cu.	A-Cu.	0	0	1	2	2	7	≡0 p	p	...	...	...	...	bw, *a* : b, *p* : b, bc, *n* :
13	Ci-St.: Ci-Cu.:A-Cu.	Cu. : Fr-Cu.	Cu.	4	6	5	–	2	1	p	p	...	...	—	()	c, bcw, *a* : bc, crp to bv, *p* : bv, *n* :
14	—	Det-Cu.	Det-Cu.	0	1	2	2	1	1	p	p	...	...	()	...	bv, bw, *a* : bv, *p* : b, *n* :
15	—	Ci. : Det.-Cu.	Ci-St.	0	1	4	7	1	1	p	p	...	...	...	p	b, bw, *a* : bc, c, *p and n* :
16	A-St. : St-Cu.	Cu.	Ci. : Cu.	9	10	5	5	4	5	p	p	...	...	...	...	bw to o, *a* : o, c, bc, *p* : bc, *n* :
17	Ci. : Ci-Cu.	A-St. : Cu. : St-Cu.	Nb.	1	8	10	10	10	10	...	...	...	●0	≡0 ●	≡0 ●	bw to o, *a* : or, *p and n* :
18	A-Cu. : Fr-Cu.	A-Cu. : Cu. : St-Cu.	A-Cu. : Cu. : Cu-Nb.	8	6	6	8	9	9	...	...	...	...	...	...	o to bc, *a* : bc, crp, *p* : o, *n* :
19	A-Cu. : Fr-Cu.	Cu.	A-Cu. : Cu.	9	6	6	7	9	1	...	...	...	...	...	p	c orp to bc, *a* : c, o, *p* : c to bw, *n* :
20	Ci-Cu. : A-Cu.	Ci-St. : Cu. : Fr-Cu.	Ci-Cu.:A-Cu.:St-Cu.	4	7	9	–	9	8	p	...	...	—	...	...	b, bcw, c, *a* : o, *p* : c, *n* :
21	Nb. : Fr-Nb.	A-Cu. : St-Cu. : Nb.	Fr-Cu. : Cu-Nb.	10	10	9	9	5	7	≡0 ●	≡0 ●	≡0	≡0	...	...	c, orm, *a* : orpmg to bc, *p* : c, *n* :
22	St-Cu. : Nb.	St-Cu. : Cu-Nb.	Ci-St : St-Cu.	9	3	8	10	4	4	≡0 ●0	...	...	≡0T	...	≡0	or to bc, *a* : ⋉ *p* : bcm, *n* :
23	St. : St-Cu.	A-Cu. : St-Cu.	A-Cu. : A-St.	10	9	9	8	8	10	...	...	...	...	...	...	bcm to o, *a* : o, c, *p* . bc to o, *n* :
24	Fr-Cu.	A-Cu. : St-Cu. : Cu-Nb.	A-Cu. : St-Cu. : Cu.	1	6	9	9	8	1	...	...	...	...	...	...	or to b, *a* : crp, o, *p* : c to b, *n* :
25	Ci-St.:A-Cu.:Fr-Cu.	Ci-St. : St-Cu. : Cu.	Nb.	5	9	10	10	10	10	p	...	...	●0	●0	●0	b to o, *a* : or, *p and n* :
26	St-Cu.	A-Cu. : Cu-Nb. St-Cu.	A-Cu.	10	10	9	8	5	2	...	...	...	≡0	...	≡0	or, c, o, *a* : otr, *p* : ≡ *n* :
27	Ci-St.	Ci-St. : Cu. : Fr-Cu.	Ci. : haze : Cu. : Fr-Cu.	2	4	9	–	9	10	p	...	...	—	...	●	bw, bc, *a* : c, o, *p* : o, or, *n* :
28	Nb.	Nb.	Nb.	10	10	10	10	10	4	...	≡0 ●	●	●0	●0	...	or, *a* : or, od, *p* : c, bc, *n* :
29	A-Cu. : St-Cu. : Nb.	Ci. : Cu-Nb.	Ci. : A-Cu.	9	9	8	9	6	8	≡0 ●0	●0	...	T	≡0	≡0	bc to or, *a* : ⋉ *p* : bc, cm, *n* :
30	St.	A-Cu. : St. : St-Cu.	A-Cu. : Fr-Cu. : Cu.	10	10	9	6	5	8	≡ p	≡0 p	...	...	...	...	cm, ofe, om, c, *a* : T, *p* : bc, c, *n* :
31	A-Cu. : St-Cu.	St.-Cu : Cu.	St-Cu.	5	7	4	9	9	7	p	...	...	...	...	...	c, bcw, *a* : bc to o, *p* : o, c, *n* :
Mean Cloud Am'nt				5·8	6·5	6·5	6* ·9	5·9	5·5							

476. Richmond (Kew Obs.). August, 1924.

Day	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Ci-St. : A-St. : St.	St-Cu.	A-St. : Cu. : Fr-Cu.	9	10	10	10	10	8	p	...	...	...	●0 p	...	bc to o, *a* : or p, *p* : or, c, *n* :
2	St-Cu. : Fr-Nb. : Cu-Nb.	Nb. : Fr-Nb.	A-Cu. : Cu. : Nb.	8	9	10	7	9	9	p	...	●	...	●p –	● p	or, c, opq, *a* : crp, o, *p* : bc to ourp, *n* :
3	Ci.	A-St.:A-Cu.:Fr-Cu.	Ci-Cu.:Fr-St.:St-Cu.	2	5	10	–	9	10	p	...	...	—	...	●	c, bw, bc, *a* : or, o, *p and n* :
4	A-St. : Fr-Cu. Cu-Nb.	St-Cu.	St-Cu.	10	8	9	10	10	10	p	...	...	...	...	...	o, c, *a* : o, *p and n* :
5	St-Cu. : Fr-St.	A-Cu. : St-Cu.	Cu.	9	10	9	10	4	1	p	...	...	...	...	...	o, c *a* : orp to bc, *p* : bc, b, *n* :
6	St.	Ci. : Cu.	St-Cu. : Nb.	10	10	5	7	10	10	p	p	...	...	...	●0	bw, ofe x *a* : bc to o, *p* : o or *n* :
7	A-St. : St. : St-Cu.	Cu.	St-Cu. : Cu.	9	9	5	6	4	1	p	...	...	...	...	p	or, c, *a* : bc, *p* : bc, b, *n* :
8	St-Cu.	Cu.	Ci-St. : A-Cu.	2	1	5	7	5	8	≡0 p	p	...	...	...	p	bmw, b, *a* : bc, c, *p* : bc, cw, *n* :
9	—	Cu.	St-Cu.	0	1	5	6	10	3	p	p	...	...	...	p 0	cw to bw, *a* : bc to o, *p* : o to bw, *n* :
10	Ci. : Ci-St.	Ci-St.:Cu.:Fr-Cu.	Ci-St. : Ci. : A-St.	8	4	6	–	7	5	≡0 p	p	...	—	...	p	bw to cw, *a* : bc, c, *p* : bcw, *n* :
11	Ci. : Ci-St.	Ci.:Ci-Cu.:A-Cu.:Cu	Ci.	9	2	6	6	6	7	≡0 p	∞0	...	...	...	p 0	cf to bz, *a* : bc, *p* : bc, cw, *n* :
12	A-St. : St. : Fr-St.	A-Cu.:St-Cu.:Nb.	St-Cu.	10	9	9	8	7	1	≡0	...	...	...	...	...	cw, or, o, *a* : orp, c, *p* : c, rp to b, *n* :
13	A-Cu. : Fr-Cu. : St-Cu.	A-St. : A-Cu. : Cu-Nb.	A-St. : A-Cu. : Cu-Nb.	3	7	8	7	5	9	p	...	...	...	...	...	bw, rp, c, *a* : c, otp, c, *p* : bc, c, o, *n* :
14	Ci-St. : Ci. : A-St.	A-Cu. : Cu. : St-Cu.	Nb. : St-Cu.	4	2	8	9	10	10	≡0 p	≡0 p	...	...	●0	●0	bcmw, bmw, *a* : c, o, *p* : or, o, *n* :
15	Fr-Cu.	Cu.	A-Cu. : St-Cu.	1	2	4	7	3	10	p	...	...	...	...	...	c to b, *a* : bc or c, *p* : c, o, *n* :
16	Ci-St.	Ci-St. : Ci-Cu. : Fr-Cu.	A-Cu. : St-Cu.	1	7	9	8	7	9	p	...	()	...	...	p	bw to orp, *a* : ov, c, *p* : orp, c, ow, *n* :
17	Nb.	Cu.: Fr-Cu.:Cu-Nb.	Ci.: St-Cu.: Cu-Nb.	10	10	8	–	7	10	●	●0	...	—	● p q	●0	or, o, *a* : cq, orp, *p* : or, o, c, *n* :
18	Ci-Cu. : A-Cu. : Fr-Cu.	Ci-St. : Nb. : Cu-Nb.	Ci. : Cu-Nb. : Nb.	9	10	9	8	6	1	...	...	●0	...	...	...	or, c, o, *a* : ⋉ *p* : bc, b, *n* :
19	Ci. : A-Cu. : St-Cu.	A-Cu. : Cu-Nb.	Cu. : Cu-Nb. : Nb.	5	9	8	8	7	1	p	...	...	...	...	...	b to o, ▲ ⋉ *a* : otr, c, *p* : c to b, *n* :
20	Ci-St.: A-St.: St-Cu.	Cu.	A-Cu. : Cu-Nb. : Cu.	8	8	5	6	8	8	p	p	...	...	...	...	bcw, c, *a* : bc, c, orp, *p* : c, or, *n* :
21	Ci. : St-Cu.	Ci-St. : A-St. : St-Cu.	Ci. : A-Cu. : St-Cu. : Nb.	4	4	9	9	7	4	p	...	...	...	...	...	bw, bc, *a* : orp, c, *p* : c to b, *n* :
22	Ci-St.: A-Cu.:St-Cu.	A-Cu.: Cu-Nb.: Nb.	Nb. : Cu-Nb.	9	8	9	7	9	5	...	...	≡0	...	●	...	b to c *a* : ⋉ *p* : c, *n* :
23	A-St. : St. : Fr-St.	Ci. : Cu. : Fr-Cu.	Ci.: A-St.: Cu-Nb.	10	8	7	9	9	7	...	...	...	● p	...	...	bc, to o, *a* : crpt, *p* : c, *n* :
24	A-St. : St-Cu. : Nb.	Nb. : St-Cu.	A-Cu.:Nb.:Fr-Nb.	10	10	10	–	9	8	●0	●0	...	—	...	...	c, or, *a* : orp, *p* : c, o, *n* :
25	St-Cu.	Ci-St.:A-Cu.:St-Cu.	A-St. : St-Cu. : Nb.	10	10	9	10	10	9	p	p	...	...	● p	...	c, ow, o, *a* : c, orp, o, *p* : od, to bc. *n* :
26	St-Cu. : St.	A-St. : St-Cu.	St-Cu.	10	9	10	9	9	4	≡0 p	≡0 p	...	...	...	...	bc to omw, *a* : o, c, *p* : o, *n* :
27	Ci-Cu. : Ci-St.	St-Cu. : Nb.	A-St. : Nb. : St-Cu.	3	8	9	7	9	6	...	...	...	...	u	...	c, bc, bw, to c, *a* : orp, c, ou, *p* : bc, *n* :
28	A-Cu. : St. : St-Cu.	St-Cu.	A-St. : Nb. : St-Cu.	7	9	10	10	10	10	≡0 p	...	...	...	●0	●0	bc, cw, c, *a* : o, or, *p and n* :
29	A-St. : Fr-Nb.	A-Cu. : St-Cu. : Cu.	A-St. : Fr-St.	10	10	9	9	10	10	●	●0	...	...	●0	...	or, o, *a* : o, d, *p and n* :
30	St-Cu. : St.	Nb.	A-St. : A-Cu. : Nb.	10	10	10	8	10	10	...	...	●0	●0	...	●0	or, o, *a* : or, c, or, *p* : o, or *n* :
31	Nb.	St-Cu. : Cu.	St-Cu. : Cu-Nb.	10	10	6	–	7	0	●0	...	...	—	...	p 0	or, o, *a* : bc to or, *p* : b, bw, *n* :
Mean Cloud Am'nt				7·1	7·4	7·9	8† ·0	7·8	6·6							

Day.	7h	13h	18h	7h	9h	13h	15h	18h	21h	7h	9h	13h	15h	18h	21h	Remarks.
	Cloud Forms.			Cloud Amount (All Forms).						Weather.						

† Mean of 26 days. * Mean of 27 days.

477. Richmond (Kew Obs.). **September, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St-Cu.	St-Cu.	St-Cu.	10	10	9	10	9	9	...	...	...	...	...	...	bw, bc, c, o, *a* oc, *p* o. *n*
2	St-Cu.	St-Cu.	St-Cu.	9	10	10	10	9	10	...	...	...	...	∞⁰	≡⁰	ow, o, *a* o, *p* o, c, o. *n*
3	St-Cu.	St-Cu : Nb.	A-Cu. : St-Cu. : Nb.	9	8	9	4	9	10	≡⁰	...	...	...	...	...	omc, *a* o, p, c, bc, c, *p* o, ●⁰ 16h. 40m.
4	A-St. : St. : Fr-Nb.	St. - St-Cu.	A-St. : St-Cu.	10	10	10	9	10	10	...	...	...	●⁰	...	...	●⁰ early *a* & *p* : o *n* :
5	St.	A-Cu. : Cu.	A-Cu. : St-Cu.	10	9	3	9	3	0	≡⁰	...	...	...	...	...	f and m *a* : b, bc, c, o *p* : b *n* :
6	St-Cu. : St.	Ci. : Fr-Cu.	A-St. : Nb.	9	8	2	8	10	9	≡⁰ p	≡°	...	...	●⁰	...	f to m *a* : b to od *p* : ● p *n* :
7	Ci. : A-Cu. : St-Cu.	A-St. : Fr-Nb. : Cu.	Nb.	7	10	10	–	10	10	...	...	●⁰	—	●⁰	...	c, o, r *a* : ● 16h.–16h.30m. ●⁰between 17h.and18h. ●19h.30m.–20h. 30m.
8	Ci. : Fr-Cu.	Cu.	A-Cu. : Fr-Cu.	7	4	4	6	4	8	...	...	...	...	...	...	or, tl early *a*, bc and c *p* & *n* :
9	A-Cu. : St-Cu. : Nb.	A-Cu. : Cu-Nb.	Ci. : Nb.	9	10	9	7	9	4	...	...	◹ ●p	...	●⁰	...	c, or, c, p, *a*, otlp, c, or, *p* bc. *n*
10	A-Cu. : St-Cu.	Cu. : St-Cu.	A-Cu.	8	7	7	3	1	3	...	...	...	...	...	...	c, o, bcy *a* : cy, by, *p* : bw *n* :
11	St-Cu. : St.	Nb. : St-Cu.	Ci. : St-Cu.	10	10	9	7	7	2	...	...	●⁰ p	...	...	...	bw to o *a* : opoc *p* : bw to o *n* : ● p 12h. 55m., 13h. 35m.–14h. 10m.
12	St-Cu. : Fr-St.	Cu. : St-Cu.	Ci. : Cu. : Fr-St.	10	10	9	10	7	10	...	...	...	●⁰	...	●	ow,o, *a* od, or, corp, ●⁰ p 14h.49m. ●⁰ 15h. 45m.–16h.10m. ☾17h. 30m. ●p*n*:
13	A-Cu. : St-Cu.	A-Cu. : St. Cu. : Fr.-Nb.	Ci. : A-Cu. : St-Cu.	8	8	9	5	8	9	...	...	...	...	...	...	oc, *a* : o, c, p *p* & *n* : ●⁰ p 11h. 10m.–20m. ● 23h. 20m. to after 24h.
14	A-St. : Fr-Nb. : Nb.	Cu.	Ci. : Cu.	9	3	7	–	2	5	p●	...	...	—	...	●	● till 7h. 10m., b, bcy *p* : bcw *n* :
15	St-Cu.	St-Cu.	A-St. : St. : St-Cu.	9	9	10	8	10	10	...	...	...	...	...	●p	bcw, ow, *a* c, o *p* : or *n* : ● 20h. 55m.–21h. 30m., 23h. 10m.–after 24h.
16	Ci. : A-Cu. : St-Cu.	A-St. : St-Cu.	A-St. : St.	3	8	10	9	10	10	...	...	...	...	...	●	● till 0h. 25m., cbc, b, o, o, c, o, ● *n*: ● 19h. 55m.–20h. 30m., 21h.–23h.
17	A-St.:Fr-St.:Fr-Nb.	St-Cu.	Nb. : St-Cu.	10	10	10	10	10	8	ppp	...	...	...	●⁰	...	ow, o *a* : o, od *p* : op, c *n* : [45m.
18	Ci. : A-St.	Cu.	Ci. : A-Cu.	2	1	5	6	6	5	...	...	...	...	...	...	bwb, bc *a* : bc *p* : bcw *n* :
19	A-Cu. : A-St. : St.	Ci-St. : Ci-Cu. : Cu.	A-St.:St-Cu.-Fr-Cu.	9	9	9	10	10	10	...	p	...	...	...	...	bcw to ow *a* : o *p* & *n* :
20	A-St. : St. - Fr.-Nb.	A-St. : Fr-St.	A-St. : Fr-St.	10	10	10	10	10	10	...	...	●⁰	...	...	● q	or$_0$p, o *a* : odr$_0$p, o *p* : orq to bq *n* :
21	Ci. : Ci-Cu. : St-Cu.	Ci. : Ci-St. : St-Cu.	A-Cu.: A-St.:St-Cu.	4	6	6	–	7	10	()	()	...	—	...	...	bq to bcv *a* : cy, o, c *p* : cor *n* : ● 21h. 50m.–23h. 50m.
22	A-Cu. : St-Cu. : St.	False Ci : Nb. : Cu.	Ci. : A-St.	8	7	6	6	2	1	...	...	()	...	...	p	● 4h. 5*m*.–5h. 15m., ● 5h. 45m.–6h. 40m. ● p 11h. 28m.–13h. 5m., bc, b *p* : bw *n* :
23	A-St. : Nb. : Fr-Nb.	A-St. : Nb. : St.	A-St. : Cu-Nb.	10	10	10	8	1	2	...	●	...	...	...	...	● intervals to 9h. 10m., o, c to b *p* : cr to b *n* : ● p 22h. 15m. and 30m.
24	St-Cu.	Cu.	Ci.: A-Cu. : St-Cu.	1	1	4	6	2	0	...	...	...	...	...	p	bc, b *a* & *p* : bw *n* :
25	A-St.: A-Cu.: Fr-St.	Nb.	Nb.	9	10	10	10	10	10	p	p	≡⁰ ●⁰	≡⁰	≡⁰ ●⁰	≡⁰ ●	b to ow, o *a* : or, om *p* : or *n* : ● intervals 10h. 18m.–after 24h.
26	Nb.	Nb.	A-Cu. : St : Fr-St.	10	9	10	10	7	10	≡⁰ ●⁰	≡°	≡⁰ ●	●	≡⁰	≡⁰	or, odm *a* : orm, cm *p* : om, o *n* : ● and ● p oh. 25m.–20h. 35m., T 12h. 17m. and 20m.
27	A-St. : St. : Fr-St.	Cu. : Fr-Cu.	—	10	10	7	7	0	0	...	...	...	...	≡⁰ ●	≡ p	o to c *a* : c, bc, b *p* : bwf *n* :
28	St.	Cu. : Fr-Cu.	Ci-St. : A-St. : St.	10	10	7	–	7	0	≡ p	≡ p	...	—	...	...	bwf to ofe *a* : c, bc *p* : bw *n* :
29	A-St.:A-Cu.:St.-Cu.	Fr-Cu.	Ci. : A-Cu. : A-St.	9	9	2	1	5	8	...	...	...	...	≡⁰	...	bw to o-b *a* : b, bc *p* : c, op *n* :
30	A-Cu. : Cu.: St.-Cu.	Ci-St. : Nb.	Nb.	4	8	9	9	10	10	...	...	●⁰	...	≡⁰ ●	≡⁰ ●²	● and ● p intervals oh. 10m. to after 24h. ⌒ 13h. 50m.–14h.
Mean Cloud Am'nt.				8·1	8·1	7·7	*7·6	6·8	6·8							

478. Richmond (Kew Obs.). **October, 1924.**

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	St.	St.	St.	10	10	10	9	10	10	≡⁰	≡⁰	≡⁰	≡⁰	≡⁰	≡⁰	●⁰ early *a* : o *a* & *p* : o to cw *n* :
2	St.	A-Cu. : Cu.	A-Cu.	10	10	3	6	10	4	≡ pppp	≡⁰ pppp	...	...	≡°	p	ofw to b *a* : bc, c, o *p*, bcw *n* :
3	St.	A-Cu.	A-Cu.	10	9	9	6	2	0	≡ pppp	≡² pppp	∞⁰	∞⁰	≡⁰	≡	of to oz *a* : oz to bm. *p* : bf *n* :
4	St. : St-Cu.	A-St. : Nb. : St.	A-St. : St-Cu.	10	10	10	9	10	10	≡ pppp	≡ ●⁰	∞⁰	≡⁰	≡⁰	≡⁰	of to or$_0$ *a* : or, c, o *p* : om to f *n* :
5	St.	St-Cu.	St-Cu. : Fr-Nb.	10	9	9	–	10	10	≡ pppp	≡⁰ ●	≡⁰	—	●⁰ p	●⁰	of to or, o *a* : o, opr$_0$ *p* ● *n* :
6	Fr.-Cu.	A-St. : Nb. : St-Cu.	St-Cu. : Nb.	1	8	10	9	9	10	...	...	...	...	...	●	or to b to or, o *a* : op, o *p* : ● *n* :
7	Ci. : Ci-Cu. : St.	Cu. : St-Cu.	Nb.	3	7	9	10	10	10	...	...	...	...	≡° ●	≡ ●⁰	or to b to o *a* : o, or *p* : ofd *n* :
8	Nb. : St-Cu.	A-St. : Nb.	St-Cu.	9	7	10	4	3	3	● p	...	≡⁰ ●	...	≡⁰	p	orp to c to or *a*: or to b *p*: bw to or o *n* :
9	A-Cu. : St-Cu. : St.	A-Cu. : Cu.	St-Cu. : Nb.	10	7	6	10	10	10	...	...	...	●⁰	...	●⁰	or, o, c, bc *a* : bc to or *p* : od, o *n* :
10	Ci-St.:A-Cu.-St-Cu.	Ci-Cu. : St-Cu. : Cu.	A-St. : Fr-St.	6	2	7	8	10	10	...	...	...	...	...	...	o to b *a* : c *p* : o *n* :
11	St-Cu. : Nb.	A-St. : Fr.-Nb.	A-St. : Fr-St.	10	10	10	10	10	10	●⁰	●⁰	≡⁰ ●⁰	≡° ●⁰	≡⁰	...	● 10h.–10h. 50m., 11h. 15m.–12h., 13h. 50m.–15h. 50m., o *n* :
12	St. : St-Cu.	Ci.-Cu. : Fr-Cu.	Ci-St. : St.	9	9	7	–	4	0	p	≡⁰	...	—	≡⁰	≡⁰ p	bc to ow *a* : c, bc *p* : bmw *n* :
13	St.	—	—	10	0	0	0	0	0	≡	≡	∞⁰	∞⁰	≡	≡	ofe, bf, bm *a* : bz *p* : bf *n* :
14	St.	—	—	10	10	0	0	0	5	≡	≡	≡⁰	∞⁰	≡⁰	≡⁰ p	≡ cleared about 12h. 30m.
15	St.	St.	St.	5	10	10	10	10	10	≡⁰	≡⁰	≡⁰	∞⁰	≡⁰	...	bcmw to o *a* : o, *p* & *n* :
16	A-St. : St.	St.	St.	10	10	10	10	10	10	p	∞⁰	∞⁰	∞⁰	∞⁰	≡⁰	ow to o *a* : o *p* : o-bc *n* :
17	A-Cu. : St. : St-Cu.	St-Cu.	A-Cu : St.	5	10	10	7	9	2	≡⁰ ppp	≡⁰	...	∞⁰	≡⁰	≡	o to bcw to o *a* : o, c, om *p* : f, w *n* :
18	St-Cu. : Fr-Cu.	A-Cu.	A-Cu.	9	7	2	0	1	8	≡	≡ ∞⁰	∞⁰	∞⁰	∞⁰	≡⁰ ppp	ofw to bz *a* : bz *p* : bc, c *n* :
19	Nb. : St-Nb.	Nb : Fr-Nb.	St : Nb.	10	10	10	–	10	10	≡⁰ ●⁰	≡⁰ ●⁰	≡⁰ ●⁰	—	...	●⁰	● 2h. 25m.–7h. and 8h.–10h. 45m. ●p 17h. 40m.–50m. ●⁰ 20h. 25m.–
20	St-Cu.	St-Cu. : St.	St-Cu.	9	10	10	10	10	10	p	≡⁰	...	...	≡⁰	≡⁰ p	bc to ow o *a* : o *p* : omw *n* : [21h.5m.
21	Nb.	Nb.	Nb.	10	10	10	10	10	10	≡⁰ ●	≡ ●	≡⁰ ●⁰	≡ ●⁰	≡ ●	≡ ●⁰	omr, ofr *a* : ofd, ofr *p* : ofd, or *n* :
22	St-Cu.	Fr.-Nb. : St-Cu.	St-Cu.	10	10	9	9	4	1	q	...	...	...	...	...	oq, oc, o *a* : o, c, bc *p* : bx *n* : ●⁰ 12h.
23	A-Cu. : St-Cu.	Cu.	A-Cu. : Cu.	2	5	5	7	7	1	⌐	⌐	...	∞⁰	≡⁰	≡⁰	bx to bc *a* : c to cm *p* : bfx *n* : [50m.
24	—	—	A-Cu.	0	0	0	0	8	4	≡ ⌐	≡ ⌐	...	∞⁰	∞⁰	...	bfx to b *a* : b to c *p* : bc to o *n* :
25	St.	St.	St. : St-Cu.	10	10	10	10	10	10	≡⁰	≡⁰	≡	≡⁰ ●	≡⁰	≡⁰	om to of *a* : of to om *p* : om *n* :
26	Nb. : St-Nb.	St : Nb.	Nb.	10	10	10	–	10	10	≡⁰ ●	≡⁰ ●	≡	—	≡ ●	≡	● and ●⁰ 7h.45m.–11h., ●15h. 50m.–18h. 20m., ●⁰ and ● 18h.20m.–20h.
27	St-Cu.	St-Cu.	Fr.-Cu : St-Cu.	9	7	9	9	9	9	...	...	...	≡⁰ ●	≡⁰	●⁰ p	c to o *a* : or *p* : op, c, bc, c, o *n*: [35m.
28	A-St. : Nb.	A-Cu. : Cu.	St-Cu.	9	7	4	7	10	3	●⁰	...	...	u	...	...	od to bc *a*:op ,cu, o *p*:b *n*: ● 2h. 45m.–3h. 50m. ● p 14h.–14h. 5m.
29	St-Cu. : Fr-Cu.	A-St. : Nb. : Fr-Nb.	Nb.	9	8	10	10	10	10	p	...	●⁰	...	●	●	ow, c, od *a* : o, or *p* : or *n* : ● 17h 20m. –23h. 30m. ●² 22h.–22h. 10m.
30	Ci. : Ci-Cu. : A-Cu : St.	Ci. : St-Cu. : Nb.	St-Cu.	3	9	7	4	5	5	...	...	...	...	...	...	●°10h.0m.-●²10h.15m.–25m.–●11h. 40m. ◹13h.8m.●²▲²13h.20m.–25m
31	Nb.	Fr-St.:High St-Cu.	St.	10	10	10	10	10	10	≡⁰ ●	≡⁰	...	...	≡⁰ ●	≡⁰ ●	● 3h. 40m.–7h. 55m. bc, e, o *a* : and early *p* ● 16h. 45m.–23h. 5m.
Mean Cloud Am'nt.				8·0	8·1	7·6	†7·1	7·8	6·9							

* Mean for 26 days only.

† Mean for 27 days only.

479. Richmond (Kew Obs.). November, 1924.

Day.	Cloud Forms. 7h	13h	18h	Cloud Amount (All Forms). 7h	9h	13h	15h	18h	21h	Weather. 7h	9h	13h	15h	18h	21h	Remarks.
1	Ci. : Ci-Cu.	St. : Nb.	Nb.	5	9	10	10	10	10	≡ p	≡ p	≡0 ●	≡0 ●	≡0 ●	●	c, bc, b to ow *a* : ●0 11h. 57m.–12h. 12h.–18h. 40m., 19h. 40m.–21h. 15m
2	Ci. : A-Cu. : St-Cu.	A-St. : St-Cu. : Fr-Nb.	A-St. : St-Cu. : St.	7	8	10	–	8	8	...	...	...	—	q	...	o co *a* : o, cq *p* : c *n* : ≡ 15h. 25m and 45m. (S.W.).
3	Ci-St. : Ci. : A-St.	Ci. : A-Cu. : Cu.	St-Cu.	3	0	6	6	6	0	≡0 ≡ p ⊏⊏p	≡0 ≡ p ⊏⊏p	...	...	≡0	≡ p ⊏p	c to bw *a* : bc to bcm *p* : bw *n* :
4	St-Cu.	...		1	0	0	2	0	0	≡0	≡0	...	...	≡0	≡	bxm to b *a* & *p* : bfx *n* :
5	Ci-St.	St-Cu.	St-Cu.	1	0	10	9	9	3	≡	≡	≡0	≡0	≡0	≡0 ⊏p	bfx to o *a* : cmw *n* :
6	Ci-St. : A-Cu. : St.	Fr-Cu.	St-Cu.	8	6	1	2	10	10	≡0	≡0	8 8 0	8 8 0	8 0	...	cmw *a* : b to o *p* : o *n* :
7	St-Cu.	St-Cu.	St-Cu.	9	9	9	9	9	7	...	8 8 0	8 8 0	8 0	8 0	...	o, *a* : c, *p* : o *n* :
8	St-Cu. : Nb.	St-Cu.	St-Cu.	10	9	8	4	8	7	...	8 8 0	...	...	q	≡0 q	o to c *a* : b, bc, cq *p* : cq *n* :
9	Ci. : Ci-St.	Fr-Cu.	St.	3	0	1	–	10	10	≡0	≡0 ≡ p	≡0	—	≡0	≡0	bwm *a* : b to c *p* : o *n* :
10	St.	Ci-Cu. : St-Cu.	A-Cu.	10	0	4	8	4	3	≡0	≡	8 8 0	8 0	≡0	≡	om to bf *a* : bc to cz *p* : bfe *n* : [50m
11	St-Cu. : St.	St-Cu.	St-Cu.	7	2	10	10	10	10	≡0	≡0 ≡ p	...	≡0	≡0	≡0 ● p	bmw to o *a* : o *p* : ● 18h. 10m.–23h
12	Nb.	Nb.	Nb.	10	10	10	10	10	10	≡0 ●	≡0 ●	≡0 ●	≡0 ●	≡0 ●0	≡0 ●0	● oh. 40m.–24h. [om *n* : ●0 21h
13	Nb.	Nb.	St.	10	10	10	10	10	10	≡0	≡ ●	≡ ●	≡	≡0	≡0 ●	● intervals oh.–13h. 45m., of to om *p*
14	St.	St-Cu.	St.	10	10	10	10	10	10	≡0	≡	≡	≡	≡ ●0	≡0 ●0	of *a* : of to ofd *p* : omd to om *n* : ● 19h.–19h. 10m. ● 21h. 5m.–45m.
15	St. : Fr-St.	A-Cu. : St.	St.	10	8	9	6	10	9	≡0	≡0	8 0	8 0	8 0	≡0	o, c, oz *a* : bcz-oz *p* : om *n* :
16	A-St. : St. : St-Cu.	Fr-Cu.	Fr-Cu.	4	9	3	–	3	1	≡0 ⊏	≡0	≡0	—	≡0	...	bcmx to om *a* : bcm, bm *p* : b *n* :
17	St.	A-Cu.	...	10	8	2	0	0	10	...	≡0	≡	≡	≡ ⊏	≡ ⊏	o, cm, bf *a* : bf *p* : fx *n* :
18	St.	St.	St.	10	10	10	5	10	10	≡ ⊏ ⊏	≡ ⊏	≡	≡	≡ ●0	≡	●0 18h.–20h.
19	A-Cu. : St-Cu.	St-Cu.	...	9	8	10	9	0	0	≡0	≡	≡0	≡0	≡	≡ ⊏	cf to of *a* : om *p* : bfx *n* : [bm *p* : om *n*
20	St. : St-Cu.	A-Cu. : St-Cu.	...	10	10	8	8	0	9	≡ ●0	≡0	...	...	≡0	≡0	●0 about 4h. 30m.–38m. and 7h., c to
21	St-Cu. : St.	St-Cu.	St-Cu.	10	10	10	9	10	9	≡0	≡0	8 0	≡0	≡0	...	om *a* : om *p* : o *n* : ● p0 abou
22	St-Cu.	St-Cu.	St-Cu.	10	9	10	10	10	9	...	...	...	...	...	...	o, *a*, *p* & *n* : [14h. 30m
23	St. : St-Cu.	A-St. : St-Cu.	A-St. : St. : St-Cu.	10	9	10	–	10	10	...	...	...	—	...	...	o, *a*, *p* & *n* :
24	St. : St-Cu.	St-Cu.	St. : St-Cu.	10	9	10	9	10	4	...	≡0	...	...	≡0	...	o *a* : oc *p* : bc to or *n* :
25	A-St. : Fr-St. : Nb.	St.	St. : St-Cu. : Nb.	10	10	10	9	9	5	≡0	≡0	≡0	≡0	≡0 ●0	...	● 1h. 12m.–2h. 20m., 2h. 35m.–3h 10m. ●0 3h. 20m.–4h. ●0 and ● *n* :
26	St-Cu.	A-Cu. : St-Cu.	Nb.	9	10	9	10	10	7	≡0	≡0 ●	≡0	≡0	≡0 ●0	...	● oh. 15m.–35m. ●0 8h.–8h. 30m. ● and ● p *p* & *n* :
27	A-Cu. : Nb. : Cu-Nb.	Ci-St. : A-Cu. : Fr-Nb.	...	9	8	8	7	0	0	●q	q	●0pq	q	...	...	≡ gusts 2h. 55m. 14h. 50m. ● and ● p *a* ⌒ 9h. 25m. cq to b *p* : b *n*
28	St.	Ci-Cu. : Cu.	A-Cu. : St.	10	10	8	5	8	10	≡ p	≡ ●0	≡0	≡0	≡	●0	b to omw, ofd, cm *a* : bcm to cf *p* : bm
29	A-Cu. : Nb. : St-Cu.	St-Cu.	St-Cu.	4	8	8	8	10	9	...	...	...	≡0	≡0	...	● early *a* : cm to om *p* : o *n* : [to or *n*
30	St-Cu. : Nb.	St-Cu. : Nb.	St-Cu. : Nb.	9	9	10	–	9	9	...	...	● q	—	●0	●	o, or, orq *a* : c, bc, or *p* : or *n* : ≡ 10h. 35m., 12h. 45m., 13h. 10m.
Mean Cloud Am'nt				7·9	7·3	7·8	7·4*	7·4	7·0							

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1	St-Cu. : Fr-Cu.	A-Cu. : Fr-Cu.	St.	9	9	3	3	10	10	...	...	...	...	...	≡0	or, o to b *a* : b, bc *p* : om *n* : ● oh 15m.–5h. 45m.
2	Nb : Fr.-Nb.	A-St. : Nb.	St.	10	10	10	10	10	10	≡0 ●0	≡	≡0 ●0	≡ ●0	≡	≡	● 7h. 35m.–8h. 10m., 9h. 55m.–12h. ● p 12h.–15h. ● 15h.–15h.20m. [10m
3	St. : St-Cu.	St.	St.	10	9	10	9	10	10	≡0	≡0	≡0	≡0	≡0	≡0	o m *a* : o, ●0 1h.25m.–2h., 4h.50m.–5h
4	St.	St. : Fr-St.	Nb.	10	10	10	10	10	10	≡0 p	≡	≡0	≡0	≡0 ●	...	omw, of, o *a* : o *p* & *n* : ●0 15h 20m.–35m., ● 15h. 25m.–16h. 30m. ●0 16h. 30m.–17h. ●–19h.
5	St-Cu.	Cu.	...	2	5	1	2	0	1	...	...	...	...	...	...	● p early *a* : bc, b.
6	St-Cu.	...	Ci.	1	0	0	2	3	1	...	...	...	...	...	≡0	● 3h.30m.–4h.,b,bmw *n* : [bfx to om *a*
7	St-Cu.	Ci-St.:A-St.:Fr-Cu.	Ci-Cu. : A-St.	1	3	9	–	5	7	≡	≡0 ⊏	≡0	—	≡0 p	≡0	om to bcmw *p* : cmw *n* : ▯ 21h.
8	Ci-St. : A-Cu. : St.	A-Cu. : A-St.	Ci. : A-Cu. : A-St.	7	9	9	9	8	7	≡0	≡0	≡0	≡0	≡0	≡0	cmw to o *a* : o to c *p* : cmw *n* :
9	Ci-Cu. : St-Cu.	A-Cu.	...	7	2	2	3	0	10	≡0	≡ ⊏	≡0	≡	≡	≡2	cmw to bfx *a* : bf *p* : b, f, e, x *n* :
10	St.	St.	St.	10	10	10	10	10	10	≡	≡	≡ 2	≡ 2	≡ 2	≡ 2	≡ all day *and n* :
11	St.	St.	St.	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡	≡ throughout 24 hours.
12	St. : St-Cu.	St.	St.	10	10	10	9	10	10	≡0	≡	≡0	≡0	≡0	≡0	o, of, o *a* : o, *p* & *n* :
13	St.	A-Cu. : St.	St.	10	9	9	10	10	10	...	≡0	≡0	≡0	≡0	≡0 ●0	o, ● 20h. 30m.–23h. 30m.
14	St-Cu.	...		1	0	0	–	0	0	≡0 ⊏	≡ ⊏	≡0	—	...	≡0	b, mx *a* : b *p* & *n* :
15	Ci-St.:A-St.:St-Cu.	St. : Nb.	Nb.	10	10	10	10	10	9	≡0	≡0	≡0 ●0	...	●	●	bmx to or *a* : or, o *p* : or *n* :
16	Nb. : Fr-Nb.	A-Cu. : St-Cu.	St.	9	9	8	10	10	10	●0	≡	≡0	≡0	≡0	...	or, of, cm *a* : om *p* : om, o *n* : ● p 3h.
17	St.	St.	St.	10	10	10	10	10	10	≡	≡	≡	≡	≡	≡0 p	bmw *n* : [25m.–45m. ●0 7h.–7h. 30m.
18	St-Cu. : St.	St-Cu.	Ci. : St-Cu.	4	5	8	9	9	5	≡0 p	≡0	...	...	≡ p	...	bcmw to c *a* : c, o *p* : bc *n* :
19	St. : St-Cu.	St. : St-Cu.	St.	10	10	10	10	10	10	...	≡0	≡0	≡0 ●0	≡0	≡0	o, *a* : omd *p* : om, c *n* :
20	...	St.	...	10	10	10	6	0	9	≡	≡	≡0	≡0	≡		bf to of *a* : o to bcm *p* : ow *n* :
21	St. : Nb.	St. : Nb. : Fr-St.	St.	10	10	10	–	10	10	●0	≡0 ●0	≡0	—	≡0	≡ ⊏ p	od, om *a* : om *p* & *n* :
22	St.	St. : St-Cu.	A-Cu.	10	9	7	1	3	0	...	≡0	...	...	≡0	≡0	o, om, c *a* : bm *p* : bx *n* :
23	A-Cu. : St. : St-Cu.	A-St. : Nb.	Nb.	9	5	10	10	10	10	q	...	●	≡0 ●	≡0 ●	≡0	oq to bc *a* : or *p* : om to c, bc *n* : ● 11h. 25m.–40m., 12h.–20h. 45m.
24	Ci-St. : St-Cu.	A-St. : St.	Fr-Cu.	3	4	10	9	5	7	q	...	...	...	...	...	● 4h.–4h. 50m., ≡ gust, S.S.W., 5h. 55m., ● p 9h. 50m., ● 21h. 45m.–24h.
25	Ci-St. : St-Cu.	Ci-St.: A-Cu.:St-Cu.	A-St. : St-Cu.	6	8	8	–	2	3	...	...	...	—	...	...	bc, c, op c *a* : op, bc, b *p* : b *n* : ⌒ 10h. 5m. ● p 9h. 40m.–10h. 10m. and 13h. 3m.–20m. [15m., ● p 19h.
26	A-Cu. : St-Cu. : Nb.	A-Cu. : Cu.	St-Cu. : Fr-Cu.	8	10	4	6	6	1	...	≡0	...	...	...	...	b to o to bc *a* : bc *p* : b to c *n* : ●0 9h.
27	Nb.	Nb.	Nb.	10	10	10	10	10	7	●q	●q	●q	●q	●	...	≡ gusts 3h. 15m–15h. 50m., ● 5h. 30m.–20h. 12m. [b *p* : bx *n* :
28	St-Cu.	Ci-St.	Ci-St.	1	7	1	–	3	1	...	...	...	—	...	...	●0 3h.–3h. 15m., ● 3h. 35m.–4h.,
29	St-Cu.	Ci.	Ci.	1	1	1	2	1	10	...	≡0 ⊏	...	∞	≡0	...	bx, b *a* : b *p* : b to o *n* :
30	A-St. : Fr-Nb.	Nb.	St-Cu. : Nb.	10	10	10	10	10	1	●q	●q	●q	≡0 ●	...	...	≡ gusts oh.–13h. 5m. ● 3h. 25m.–5h, 5h. 45m.–11h. 40m. and 12h. 15m.–17, b *n* :
31	A-Cu. : St-Cu.	St-Cu. : Nb.	...	2	10	7	4	0	3	≡ p	≡0 ●	q	...	...	...	b w early *a* : ●0 8h.–8h. 30m. ● 9h.–9h. 20m. ≡ gust, 13h. 40m. ✱ 13h. 35m.–40m. *b n* :
Mean Cloud Am'nt				6·8	7·5	7·3	7·5†	6·6	6·5							
Mean Annu'l Cloud Am'nt				7·1	7·3	7·3	7·5	7·0	6·3							

Cloud Forms. — Cloud Amount (All Forms). — Weather. — Remarks.

* Mean of 25 days. † Mean of 26 days.

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DAY.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.			
	Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.	
		Amp/cm²	Coulomb.			Amp/cm²	Coulomb.			Amp/cm²	Coulomb.			Amp/cm²	Coulomb.			Amp/cm²	Coulomb.			Amp/cm²	Coulomb.	
			+	−			+	−			+	−			+	−			+	−			+	−
1	1	...	...	...	0	0·67	0·43	0·36	0	...	...	...	1	1·52	0·14	0·51	1	...	...	...	2	...	...	...
2	1	0·28	0·27	...	0	...	...	...	1	...	...	...	0	0·95	0·12	0·11	1	0·54	0·61	0·55	2	0·65	0·27	...
3	0	0·29	0·40	0·27	0	...	...	...	1	0·83	0·27	...	0	...	...	...	1	...	...	...	1	0·78	0·06	...
4	0	0·39	0·76	...	0	...	0·40	0·21	0	0·28	...	0·37	0	...	...	...	1	...	...	...	2	...	...	...
5	0	...	...	...	0	1·18	0·35	0·29	0	1·22	0·43	...	0	...	...	...	1	1·45	0·61	0·61	0	0·49	0·13	...
6	0	...	...	...	1	...	0·45	...	1	0·19	0·47	0·35	0	...	...	...	0	0·70	...	0·50	1	...	...	...
7	0	0·36	...	0·21	0	0·41	...	0·36	0	1·03	0·23	0·14	0	0·41	0·06	...	1	...	0·86	...	1	...	...	...
8	0	...	...	...	0	0·52	0·36	...	0	...	...	...	0	0·60	0·79	0·74	1	0·64	...	0·39	1	...	...	...
9	1	1·11	...	...	1	...	...	...	0	...	...	...	2	...	0·25	0·45	0	0·40	...	0·36	1	...	...	...
10	2	0·30	0·53	...	0	...	...	...	0	0·30	...	...	2	...	...	...	2	...	...	...	1	...	...	...
11	1	0·16	...	0·21	0	0·41	0·53	0·43	0	0·90	0·53	0·38	1	...	...	...	1	...	...	...	1	0·94	0·33	0·36
12	1	...	...	...	0	...	...	...	0	0·71	...	0·25	2	...	...	...	1	0·90	0·25	0·02	2	...	...	...
13	0	...	...	...	0	0·31	0·18	0·21	0	1·02	0·36	0·49	2	...	...	...	1	0·83	0·63	...	0	1·30	0·35	0·43
14	0	0·41	0·29	...	0	...	0·43	0·49	0	0·78	0·53	0·36	2	...	...	...	1	0·46	0·47	0·37	0	...	...	...
15	0	1·32	0·36	...	1	0·75	...	...	1	...	...	...	0	1·20	0·08	0·06	0	0·76	0·39	0·34	0	...	...	...
16	0	0·21	...	1·01	0	...	...	...	0	...	...	...	0	1·12	0·41	...	0	0·28	0·49	0·35	0	0·35	0·88	0·21
17	1	...	...	...	0	...	...	...	0	0·92	0·23	0·21	1	0·77	0·49	0·21	0	...	...	...	1	1·48	...	...
18	2	...	...	...	1	0·52	0·49	0·06	0	0·68	0·14	...	0	...	...	...	1	...	...	...	1	1·61	0·86	0·37
19	2	...	...	...	1	0·82	0·31	0·13	1	0·69	0·40	0·16	0	...	...	...	1	1·10	0·74	0·41	1	0·90	0·39	0·40
20	1	...	...	...	0	0·54	0·31	0·37	0	0·87	0·84	...	0	...	...	...	1	1·14	0·31	0·16	1	0·73	0·63	0·41
21	1	...	...	...	0	0·33	0·61	...	0	...	0·16	0·88	0	...	...	...	1	1·40	0·76	0·56	0	...	...	...
22	2	0·83	...	0·10	0	0·46	0·29	...	1	...	...	...	0	1·20	0·74	0·54	0	0·86	0·56	0·39	0	...	...	...
23	1	...	...	...	0	...	...	...	1	...	...	...	1	0·45	0·32	...	1	...	...	...	0	1·04	0·37	0·31
24	2	...	...	...	1	...	...	...	1	1·09	0·40	0·43	0	1·17	0·61	0·67	1	...	...	...	0	0·46	0·68	...
25	1	0·92	0·27	0·10	2	0·50	0·18	...	1	...	...	...	1	1·29	1·03	0·45	1	...	...	...	0	0·57	0·43	0·25
26	0	...	...	...	0	0·64	0·16	0·14	1	...	0·38	...	2	...	...	...	0	0·63	0·53	0·23	0	1·61	0·85	0·43
27	0	...	...	...	1	0·50	0·39	0·34	0	0·74	...	0·07	2	...	...	...	0	1·03	0·79	0·35	1	0·87	...	...
28	0	0·64	0·10	0·16	0	0·30	0·34	0·49	0	0·82	0·22	0·25	1	...	...	...	0	0·57	0·27	0·09	0	...	...	...
29	0	0·30	...	0·14	1	...	...	...	0	...	...	...	1	...	...	...	1	0·83	0·23	...	0	...	...	...
30	1	0·21	0·41	...	...	...	...	...	0	...	...	...	2	...	...	...	0	1·07	0·59	0·43	0	0·45	0·56	...
31	0	0·41	...	0·10	...	...	...	...	0	1·10	...	...	...	...	...	...	2	...	...	...	...	...	...	...
Mean	0·68	0·51	0·38	0·26	0·34	0·55	0·37	0·30	0·32	0·79	0·37	0·33	0·77	0·97	0·42	0·42	0·74	0·82	0·53	0·36	0·67	0·89	0·49	0·35
No. of Days used.	31	16	9	9	29	16	17	13	31	18	15	13	30	11	12	9	31	19	17	17	30	16	14	9

DAY.	JULY.				AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.			
	Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.		Character.	Air-Earth Current $\times 10^{16}$.	Ionic Charge per cc. $\times 10^{16}$.	
		Amp/cm²	Coulomb.			Amp/cm²	Coulomb.			Amp/cm²	Coulomb.			Amp/cm²	Coulomb.			Amp/cm²	Coulomb.			Amp/cm²	Coulomb.	
			+	−			+	−			+	−			+	−			+	−			+	−
1	0	0·86	0·50	0·18	1	...	...	...	0	0·06	...	0·31	1	0·21	...	0·07	1	...	...	...	1	0·29	...	0·18
2	1	1·20	0·59	0·50	2	...	...	...	0	...	...	...	0	...	...	...	0	...	...	...	1	...	...	...
3	1	...	...	...	1	...	...	...	0	1·46	...	...	0	...	...	...	0	0·43	...	0·13	0	1·71	0·40	...
4	1	0·67	0·99	0·68	0	...	...	...	1	...	...	...	0	0·54	0·38	...	0	0·90	0·31	...	1	0·84	...	0·04
5	1	...	...	...	0	...	...	...	0	0·97	0·38	...	1	...	...	...	0	0·74	...	0·18	1	1·44	0·45	...
6	1	...	...	...	1	0·61	0·58	...	1	...	...	...	1	0·59	...	0·25	0	0·56	0·34	...	1	...	...	...
7	1	0·78	0·76	0·43	1	0·49	...	0·11	1	...	...	...	1	0·83	...	...	0	0·25	...	0·16	0	...	...	...
8	0	0·92	0·81	0·45	0	0·62	0·70	...	1	1·22	...	1·30	1	1·25	0·25	...	0	...	...	...	0	...	...	0·09
9	1	0·89	...	...	0	...	...	...	1	...	...	...	1	...	...	...	0	...	...	...	1	...	0·49	...
10	0	0·95	0·65	...	0	...	...	...	0	0·72	0·83	...	0	1·86	0·34	...	0	0·38	0·34	...	1	...	...	...
11	0	1·10	0·37	0·38	0	1·46	...	0·38	1	0·83	...	0·56	0	...	...	...	1	1·51	...	0·20	0	...	...	...
12	0	...	...	...	1	1·03	0·72	...	0	...	...	...	0	...	...	...	2	...	...	...	0	1·52	0·32	...
13	1	...	...	...	1	2·11	...	...	0	...	...	...	0	0·25	...	0·31	2	...	...	...	1	...	...	...
14	0	0·84	1·08	...	0	1·78	...	...	1	...	...	...	0	0·84	0·27	...	0	0·13	0·63	...	1	...	...	...
15	0	1·06	...	0·45	1	0·41	...	0·54	1	0·82	...	0·59	0	0·18	...	0·27	0	...	...	...	2	...	...	...
16	1	0·63	0·77	0·49	1	...	...	...	1	0·67	0·50	...	0	1·15	0·36	...	0	...	...	...	1	...	0·31	...
17	2	...	...	...	1	...	...	...	0	0·79	...	0·31	0	0·34	...	...	0	0·54	...	0·25	0	...	...	...
18	1	0·83	0·63	...	1	...	...	...	0	0·24	0·29	...	0	...	...	...	0	0·18	0·47	...	0	...	0·31	...
19	1	...	...	...	1	...	...	...	1	1·04	...	...	0	...	...	...	0	...	...	0·22	0	...	...	...
20	0	...	...	...	1	...	...	...	1	...	...	...	0	0·27	0·22	...	0	...	0·22	...	0	...	...	...
21	2	...	0·27	...	1	...	...	0·40	1	...	...	...	1	...	...	...	0	...	...	...	0	...	...	...
22	2	...	...	...	2	...	...	...	1	1·77	1·12	...	1	1·30	...	0·43	0	...	...	...	0	0·91	...	...
23	1	0·46	...	...	1	...	...	...	1	1·43	...	0·45	0	0·56	0·20	...	0	...	...	...	2	...	...	...
24	1	0·35	0·74	0·45	1	...	...	...	0	1·23	0·90	...	0	1·23	...	0·38	0	...	...	0·23	1	...	...	...
25	1	...	...	...	0	...	...	...	2	...	...	0·20	0	...	...	...	2	...	0·32	...	1	...	...	...
26	1	...	...	...	0	0·87	...	0·45	2	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...
27	1	...	...	...	1	0·54	0·54	...	1	...	...	...	1	...	...	...	1	...	...	...	2	...	...	...
28	2	...	...	...	0	0·70	...	0·20	0	...	...	...	1	0·74	0·25	...	1	...	...	...	1	...	...	...
29	2	...	...	...	1	0·71	...	...	0	...	...	...	1	...	...	...	1	...	...	...	0	...	...	...
30	1	0·39	0·31	...	1	...	...	...	2	0·80	0·43	...	1	...	...	...	2	...	...	...	2	...	...	...
31	0	0·96	...	0·54	1	...	...	...	...	...	...	...	1	...	0·27	...	...	...	...	...	1	...	...	...
Mean	0·87	0·81	0·65	0·45	0·74	0·94	0·63	0·35	0·70	0·94	0·64	0·53	0·45	0·76	0·28	0·29	0·47	0·56	0·38	0·20	0·74	1·12	0·38	0·10
No. of Days used.	31	16	13	10	31	12	4	6	30	15	7	7	31	16	9	6	30	10	7	7	31	6	6	3

Annual Means:—Character (366d) 0·63; Air Earth Current (171d) 0·79; Ionic charges + (130d) 0·45; − (109d) 0·34.

Mean Values for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

482. Richmond (Kew Observatory). **1924.**

Day.	January. Factor 2·07				February. Factor 2·02				March. Factor 1·99.			
	3h.	9h	15h.	21h.	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.
1	105	210	160	210	345	590	425	400	65	215	205	700
2	145	160	370	385	465	465	360	435	125	280	230	610
3	345	475	345	450	205	500	320	435	$z\pm$	330	330	510
4	490	845	605	385	220	425	270	410	140	445	205	710
5	385	685	555	635	320	435	375	335	610	775	305	610
6	210	500	515	475	115	205	335	245	—	—	915	495
7	330	605	530	715	205	565	410	540	—	—	495	455
8	475	475	515	460	230	590	410	385	290	280	315	725
9	− 355	—	570	635	230	− 295	− 195	670	485	420	305	785
10	—	595	845	450	295	555	410	410	345	585	800	735
11	395	410	500	290	180	500	645	525	305	585	405	840
12	90	170	225	305	320	490	435	465	420	620	840	840
13	145	240	290	225	310	425	400	525	585	890	940	635
14	120	105	210	395	285	655	525	820	595	725	865	775
15	170	420	355	490	645	590	360	590	305	485	430	420
16	500	555	685	570	500	645	555	1000	190	190	190	510
17	330	315	—	580	680	835	580	400	265	620	265	840
18	250	265	290	250	310	580	580	425	215	620	205	190
19	0	− 55	$z\pm$	200	165	425	500	500	125	470	190	230
20	105	345	265	240	435	490	615	490	280	535	735	470
21	105	90	55	55	465	525	590	605	330	560	115	345
22	210	200	475	$z\pm$	310	490	360	465	150	230	240	485
23	− 15	210	265	420	245	435	310	320	165	75	180	215
24	240	345	− 475	− 885	320	285	$z\pm$	335	100	215	265	495
25	130	595	385	410	155	− 205	285	580	180	405	355	485
26	355	530	330	435	320	615	540	760	$z-$	470	485	420
27	265	370	305	500	360	655	245	$z+$	180	510	585	545
28	290	240	315	305	180	410	285	285	315	585	585	650
29	305	435	435	395	270	410	245	285	455	560	675	660
30	385	370	265	160					420	355	305	750
31	435	685	635	555					315	785	510	570
Means (a)	271	396	403	399	313	511	421	487	295	476	434	571
Means (b)	260	397	343	339	311	457	405	493	295	482	416	586
Mean for day	(a) 367		(b) 335		(a) 433		(b) 417		(a) 444		(b) 445	

Day.	April. Factor 2·21.				May. Factor 2·10				June. Factor 2·13.			
	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.
1	170	505	620	985	200	40	175	350	55	120	− 245	− 245
2	435	760	575	505	470	215	215	280	135	15	285	205
3	420	800	730	605	135	200	$z+$	320	380	405	165	95
4	505	705	605	745	270	240	$z-$	350	175	205	− 190	− 540
5	490	630	505	480	190	215	535	270	215	500	420	325
6	195	435	560	325	190	255	230	535	300	325	190	285
7	110	240	140	195	190	215	160	255	205	270	175	$z-$
8	210	295	170	255	135	200	175	160	55	150	150	95
9	225	310	$z-$	630	95	310	105	215	—	135	95	110
10	450	785	$z\pm$	$z\pm$	55	135	0	− 775	—	190	135	175
11	605	630	560	480	0	175	160	− 105	25	—	230	205
12	− 1055	185	550	210	80	280	200	295	95	300	405	$z\pm$
13	210	140	255	− 505	55	135	120	400	110	215	270	350
14	− 40	40	—	350	$z\pm$	215	175	215	70	245	190	270
15	265	675	435	925	215	400	145	295	135	120	110	120
16	450	420	265	405	160	175	105	120	150	215	110	490
17	$z\pm$	845	185	210	200	320	105	295	245	475	205	205
18	240	295	140	295	65	40	375	350	215	215	205	255
19	195	185	170	225	$z\pm$	230	120	240	460	245	165	325
20	195	335	140	170	105	360	695	240	215	325	165	150
21	170	280	170	265	295	270	215	0	205	205	110	135
22	310	255	170	225	80	135	135	135	175	135	95	70
23	255	265	295	480	135	120	120	− 25	165	365	120	135
24	280	280	255	325	215	− 670	95	—	95	190	120	165
25	185	− 265	265	405	—	—	− 240	215	190	245	165	205
26	240	− 830	240	− 520	105	200	120	160	175	230	165	310
27	85	255	30	210	215	215	160	240	120	205	120	245
28	110	280	170	225	270	430	255	400	245	270	135	205
29	15	295	240	505	200	415	280	$z\pm$	110	120	110	215
30	140	155	$z\pm$	70	105	175	135	135	150	150	110	205
31					$z\pm$	495	455	− 135				
Means (a)	266	403	324	397	164	235	207	259	174	234	175	213
Means (b)	212	322	330	337	157	218	203	184	182	236	137	171
Mean for day	(a) 347		(b) 300		(a) 216		(b) 191		(a) 199		(b) 181	

NOTE.—The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used :—$z+$ Indeterminate, positive value ; $z-$ Indeterminate, negative value ; $z\pm$ Indeterminate in magnitude and sign.

(a) Mean from all positive readings.

(b) Mean from all complete days using both positive and negative readings.

POTENTIAL GRADIENT (reduced to level surface) : VOLTS PER METRE.

Mean Values for periods of sixty minutes, centered at the exact hours, Greenwich Mean Time.

482. Richmond (Kew Observatory). **1924.**

Day	July. Factor 2·13.				August. Factor 2·26.				September. Factor 2·46.			
	3 hr.	9h.	15h.	21h.	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.
1	245	285	135	260	200	185	175	300	—	—	140	235
2	135	165	205	230	85	230	z±	375	140	190	155	315
3	150	190	175	135	130	200	− 420	z±	155	65	345	300
4	120	135	150	230	60	260	115	30	80	360	190	265
5	165	205	150	205	—	60	100	200	155	155	140	205
6	—	150	135	190	330	290	145	160	205	250	205	125
7	110	110	120	205	70	330	185	130	15	65	155	—
8	95	205	150	165	175	330	175	185	—	155	155	125
9	40	245	165	190	160	245	130	130	65	140	− 125	155
10	55	220	165	245	115	290	145	275	—	315	235	250
11	175	205	190	395	275	360	130	315	190	250	190	285
12	205	220	150	165	145	175	145	260	155	190	140	155
13	135	110	95	120	175	230	445	290	110	155	125	175
14	205	325	110	175	160	315	145	145	0	315	140	330
15	135	300	150	220	130	200	130	145	155	285	220	110
16	70	135	95	135	130	145	115	175	—	235	175	110
17	135	165	175	− 610	100	145	100	115	110	155	140	175
18	120	285	175	165	70	130	z±	215	95	285	155	205
19	150	190	135	230	115	215	200	245	220	330	220	220
20	165	190	110	245	200	260	85	60	125	220	65	110
21	25	0	260	245	85	145	130	215	80	175	190	250
22	260	490	z±	410	115	175	− 315	100	155	250	235	425
23	55	270	120	135	100	145	z±	175	80	− 140	285	315
24	110	190	135	165	130	− 275	100	230	125	300	175	410
25	150	220	80	205	130	200	115	275	140	315	285	z±
26	z±	270	z±	135	—	300	145	185	190	285	140	− 125
27	220	260	95	120	115	215	175	260	80	265	205	250
28	55	− 175	110	285	200	315	160	160	440	455	125	95
29	230	—	—	260	60	175	145	290	—	—	175	220
30	55	220	110	190	115	145	145	z±	110	190	235	− 65
31	165	205	150	245	0	70	—	130				
Means (a)	135	212	143	210	134	216	151	199	135	235	184	223
Means (b)	127	187	143	174	147	214	133	195	140	223	169	203
Mean for day	(a) 175		(b) 158		(a) 175		(b) 172		(a) 194		(b) 184	

Day.	October. Factor 2·66.				November. Factor 2·61.				December. Factor 3·12.			
	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.	3h.	9h.	15h.	21h.
1	—	—	290	170	230	330	50	35	180	355	340	445
2	270	100	170	270	65	215	200	180	305	265	35	640
3	185	375	745	235	165	545	330	365	355	480	535	320
4	204	135	375	205	315	415	395	280	340	375	390	195
5	135	− 185	205	135	180	330	460	315	90	285	410	425
6	100	305	205	50	230	330	560	460	215	550	375	410
7	100	375	320	255	380	510	495	510	465	480	425	480
8	50	290	270	510	330	445	445	395	285	425	480	465
9	270	270	235	205	315	345	265	265	305	410	500	660
10	70	235	255	235	230	265	280	265	480	730	695	910
11	100	205	235	320	100	—	315	− 215	1105	1015	995	1085
12	205	135	100	—	− 65	− 315	− 15	− 100	570	625	535	410
12	—	—	390	185	50	100	675	595	195	375	320	− 90
14	—	305	375	270	365	230	305	330	375	660	375	500
15	—	205	220	—	100	745	790	775	500	410	− 515	90
16	185	255	255	340	430	530	530	645	− 35	285	425	375
17	170	340	270	270	315	530	840	545	355	550	285	425
18	305	205	270	—	1405	975	610	415	375	355	445	425
19	—	—	170	70	395	625	365	345	195	250	320	570
20	170	375	205	205	200	380	460	395	320	640	375	465
21	—	—	355	270	280	495	380	460	585	320	465	355
22	35	155	355	390	165	330	280	380	140	285	465	605
23	135	425	610	780	130	265	265	215	180	285	− 425	140
24	270	305	595	475	115	265	415	365	125	340	355	250
25	340	320	270	320	− 115	395	480	− 215	140	375	285	340
26	255	—	170	70	130	245	—	395	180	180	340	410
27	35	290	185	255	—	—	215	775	105	− 20	− 20	250
28	z±	340	305	220	380	460	—	395	160	355	425	535
29	—	—	255	− 15	− 35	—	280	230	215	515	—	—
30	155	270	405	235	130	200	230	215	—	—	− 660	640
31	135	440	405	320					340	z±	355	465
Means (a)	169	277	305	269	274	404	406	390	316	435	421	458
Means (b)	156	264	329	301	253	379	406	337	306	416	344	432
Mean for day	(a) 255		(b) 263		(a) 369		(b) 344		(a) 407		(b) 375	
Annual Means (a)									221	335	299	343
Annual Means (b)									216	322	283	318
									(a) 300		(b) 285	

(*a*) Mean from all positive readings.
(*b*) Mean from all complete days, using both positive and negative readings.
NOTE.—The Potential Gradient is reckoned as positive if the potential increases upwards. For indeterminate potential gradient the following notation is used : *z* + Indeterminate, positive value ; *z* − Indeterminate, negative value ; *z* ± Indeterminate in magnitude and sign.

POTENTIAL GRADIENT (reduced to level surface); DIURNAL INEQUALITIES (in volts per metre).

The departures from the mean of the day are adjusted for non-cyclic change.

SELECTED QUIET DAYS.

483. Richmond (Kew Observatory). **1924.**

Month and Season.	Hour 1	G.M.T. 2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Midt.	Non-cyclic change	Mean values.
	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m	v/m
Jan.	− 68	− 84	− 89	− 93	**− 93**	− 89	− 40	+ 27	+ 73	+ 61	+ 12	+ 27	+ 21	+ 8	+ 20	+ 38	+ 61	+ 69	+ **77**	+ 51	+ 45	+ 17	− 7	− 41	+ 65	438
Feb.	− 25	−107	−144	−158	**−169**	−142	− 26	+ 21	+ 89	**+111**	+ 68	+ 32	+ 5	+ 12	+ 22	+ 37	+ 35	+ 67	+ 63	+105	+ 95	+ 42	− 8	− 22	− 39	481
Mar.	− 50	− 96	−124	**−149**	−136	−143	−105	− 22	+ 22	+ 26	+ 29	− 4	− 14	+ 1	+ 40	+ 46	+ 68	+ 99	+130	**+148**	+139	+ 67	+ 37	− 6	+ 46	522
April	− 62	− 67	− 90	−106	**−114**	− 54	+ 38	+ 74	+ 82	+ 37	− 6	− 21	− 28	− 29	+ 6	+ 11	+ 23	+ 54	+ 71	+ **85**	+ 78	+ 15	+ 13	− 10	+ 53	382
May	− 35	− 34	− 34	+ 3	+ 30	+104	**+118**	+ 86	+ 58	− 12	− 36	− 57	− 65	− 66	− 57	**− 68**	− 43	− 23	+ 19	+ 36	+ 39	+ 31	+ 24	− 19	+ 23	206
June	**− 36**	− 32	− 31	− 13	− 20	+ 21	+ 57	**+105**	+ 52	+ 20	+ 14	− 4	− 6	− 22	− 21	− 28	− 31	− 25	− 20	+ 2	+ 44	+ 24	− 20	− 29	0	188
July	− 22	− 20	− 18	− 1	+ 10	+ 45	+ 73	**+ 99**	+ 49	+ 2	− 25	− 29	− 39	− 43	**− 47**	− 44	− 41	− 27	− 13	+ 17	+ 31	+ 41	+ 20	− 14	...	185
Aug.	− 23	− 34	− 20	− 14	+ 6	+ 28	+ 84	**+110**	+ 74	+ 23	− 1	− 14	− 37	− 48	− 41	**− 50**	− 23	− 20	+ 8	+ 40	+ 10	− 3	− 28	− 26	...	182
Sept.	− 32	− 41	− 30	**− 50**	− 32	− 8	+ 57	**+ 65**	+ 62	+ 29	− 7	− 17	− 22	− 23	− 23	− 16	− 25	+ 16	+ 40	+ 50	+ 26	+ 16	− 6	− 27	...	192
Oct.	− 86	**−100**	− 88	− 77	− 79	− 64	− 23	+ 4	− 2	− 17	+ 24	+ 39	+ 68	+ 64	+ **87**	+ 86	+ 57	+ 68	+ 60	+ 37	+ 43	+ 5	− 39	− 68	+ 12	284
Nov.	− 79	−108	**−143**	−142	−136	−115	− 67	+ 6	+ 48	+ 46	+ 78	+ 69	+ **93**	+ 76	+ 62	+ 81	+ 92	+ 77	+ 58	+ 56	+ 47	+ 17	− 49	− 69	− 25	410
Dec.	− 67	− 62	− 54	− 74	**− 77**	− 47	− 29	+ 3	+ 12	+ 32	+ 20	− 1	− 17	− 10	+ 8	+ 31	+ 63	+ 78	+ 71	+ **89**	+ 69	+ 16	− 9	− 49	− 46	477
Year	− 49	− 65	− 72	**− 73**	− 68	− 39	+ 11	+ 48	+ 52	+ 30	+ 14	+ 2	− 3	− 7	+ 4	+ 11	+ 20	+ 36	+ 47	**+ 60**	+ 56	+ 24	− 6	− 32	...	329
Winter	− 60	− 90	−108	−117	**−119**	− 98	− 40	+ 14	+ 56	+ 62	+ 44	+ 32	+ 26	+ 22	+ 28	+ 47	+ 63	+ 73	+ 67	**+ 75**	+ 64	+ 23	− 18	− 45	...	451
Eqnx.	− 57	− 76	− 83	**− 95**	− 90	− 67	− 8	+ 30	+ 41	+ 19	+ 10	− 1	+ 1	+ 3	+ 27	+ 32	+ 31	+ 59	+ 75	**+ 80**	+ 72	+ 26	+ 1	− 28	...	345
Sumr.	− 29	− 30	− 26	− 6	+ 6	+ 50	+ 83	**+100**	+ 58	+ 8	− 12	− 26	− 37	− 45	− 42	**− 47**	− 35	− 24	− 1	+ 24	+ 31	+ 23	− 1	− 22	...	190

AIR POLLUTION: HOURLY MEANS FOR EACH MONTH (milligrams per cubic metre).

COMPLETE DAYS ONLY.

484. Richmond (Kew Observatory). **1924.**

Month and Season.	Hour 1	G.M.T. 2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Midt.	Mean	No. of days used.
	mg/m³	mg/m³	mg m³	mg m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	
Jan.	·250	·224	·224	237	**·166**	·195	·307	·374	·458	·458	·432	·416	·403	·416	·445	·458	·502	·502	**·515**	**·515**	·502	·432	·349	·278	·378	23
Feb.	·259	·259	·234	**·221**	·259	·272	·320	·394	·432	·442	·442	·442	·432	·432	·442	·432	·454	·467	·480	**·506**	·432	·381	·333	·259	·377	26
Mar.	**·307**	·333	·346	·358	·346	·394	·480	**·602**	**·602**	·579	·493	·406	·368	·358	·333	·346	·419	·432	·528	·554	·566	·528	·454	·368	·437	26
April	·266	·266	·224	**·208**	·237	·266	·349	·362	·333	·333	·362	·362	·307	·333	·333	·349	·374	·390	·374	·416	**·445**	·333	·320	·278	·326	23
May	**·160**	**·160**	**·160**	**·160**	·192	·304	**·336**	·320	**·336**	·304	·288	·288	·256	·272	·272	·224	·272	·256	·288	·288	·288	·256	·208	·176	·252	20
June	·211	·198	·189	·198	·230	·266	·288	·310	**·320**	·310	·266	·253	·243	·221	·189	**·166**	·189	·189	·211	·275	·275	·266	·253	·230	·239	29
July	·186	·186	·246	·259	·246	·301	·288	**·310**	·288	·269	·269	·246	·195	·186	**·176**	·208	·208	·195	·208	·246	·259	·237	·208	·195	·234	31
Aug.	**·131**	·160	·160	·205	·234	·336	**·349**	**·349**	·336	·320	·304	·304	·291	·291	·291	·304	·304	·304	·320	·320	·291	·246	·205	·189	·272	22
Sept.	·134	**·099**	·112	·134	·173	·198	·282	**·307**	**·307**	**·307**	·272	·246	·186	·208	·221	·221	·272	·282	·294	·272	·259	·198	·147	·147	·220	26
Oct.	·269	**·218**	·230	·230	·218	·307	·371	·448	**·461**	·397	·358	·358	·346	·384	·371	·371	·371	·410	·410	·410	·358	·307	·282	·230	·331	25
Nov.	·266	·253	·230	**·211**	·230	·230	·243	·365	·429	·451	·410	·397	·365	·265	·365	·387	·429	·464	·464	**·486**	·442	·429	·410	·330	·360	29
Dec.	·426	·374	**·320**	·346	·346	·374	·346	·400	·506	**·560**	**·560**	·480	·426	·426	·454	·454	·426	·480	·480	·506	·534	·534	·454	·454	·445	12
Year	·239	·227	**·222**	·231	·241	·279	·325	·372	**·400**	·399	·375	·350	·319	·321	·325	·327	·352	·361	·381	·399	·388	·346	·302	·261	·323	292
Winter	·300	·277	·252	·254	**·250**	·268	·304	·383	·456	·478	·461	·434	·407	·410	·426	·433	·453	·478	·485	**·503**	·477	·444	·387	·330	·390	90
Eqnx.																										
Spring	·287	·299	·285	**·283**	·291	·330	·415	·482	·467	·456	·428	·384	·337	·346	·333	·347	·397	·411	·451	·485	**·505**	·431	·387	·323	·382	49
Autm.	·201	**·159**	·165	·182	·202	·208	·294	·339	·378	**·384**	·334	·302	·272	·277	·303	·296	·321	·327	·352	·341	·309	·252	·215	·180	·270	51
Sumr.	**·172**	·176	·189	·205	·226	·302	·315	**·322**	·320	·301	·282	·273	·246	·242	·232	·226	·243	·236	·257	·282	·278	·251	·219	·198	·249	102

AIR POLLUTION: DIURNAL INEQUALITIES (milligrams per cubic metre).

The departures from the mean of the day are adjusted for non-cyclic change.

485. Richmond (Kew Observatory). **1924.**

Month and Season.	Hour. 1	G.M.T. 2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Midt.	Non-cyclic change	Range.
	mg m³	mg m³	mg/m³	mg/m³	mg m³	mg m³	mg m³	mg/m³	mg/m³	mg/m³	mg/m³	mg/m³	mg m³	mg/m³	mg/m³	mg/m³	mg m³	mg m³	mg/m³	mg/m³	mg/m³	mg/m³	mg m³	mg m³	mg m³	mg/m³
Jan.	−·141	−·166	−·165	−·151	**−·220**	−·190	−·077	−·009	−·076	+·078	+·053	+·038	+·026	+·040	+·071	+·085	+·130	+·131	+·145	**+·147**	+·135	+·066	−·016	−·080	−·029	·367
Feb.	−·146	−·143	−·166	**−·176**	−·136	−·120	−·070	+·007	+·047	+·060	+·063	+·065	+·057	+·060	+·073	+·065	+·090	+·105	+·121	**+·149**	+·078	+·029	−·016	−·088	−·061	·325
Mar.	**−·130**	−·104	−·091	−·079	−·091	−·043	+·043	**+·165**	**+·165**	+·142	+·056	−·031	−·069	−·079	−·104	−·091	−·018	−·005	+·091	+·117	+·129	+·091	+·017	−·069	·000	·295
April	−·066	−·065	−·107	**−·122**	−·093	−·063	+·020	+·034	+·005	+·006	+·036	+·036	−·019	+·008	+·009	+·025	+·051	+·067	+·052	+·094	**+·124**	+·012	·000	−·042	−·013	·246
May	−·085	−·085	−·086	**−·087**	−·055	+·056	**+·087**	+·071	+·086	+·053	+·037	+·036	+·003	+·019	+·018	−·031	+·017	·000	+·031	+·031	+·030	+·003	−·051	−·084	+·016	·174
June	−·028	−·041	−·050	−·041	−·009	+·027	+·049	+·071	**+·081**	+·071	+·027	+·014	+·004	−·018	−·050	**−·073**	−·050	−·050	−·028	+·036	+·036	+·027	+·014	−·009	·000	·154
July	−·048	−·048	+·012	+·025	+·012	+·067	+·054	**+·076**	+·054	+·035	+·035	+·012	−·039	−·048	**−·058**	−·026	−·026	−·039	−·026	+·012	+·025	+·003	−·026	−·039	·000	·134
Aug.	**−·128**	−·100	−·101	−·057	−·030	+·071	**+·083**	+·082	+·068	+·050	+·033	+·032	+·018	+·017	+·015	+·027	+·026	+·025	+·040	+·038	+·008	−·038	−·080	−·097	+·029	·211
Sept.	−·080	**−·116**	−·103	−·082	−·043	−·019	+·065	**+·089**	**+·089**	+·088	+·052	+·026	−·034	−·013	−·001	−·001	+·049	+·059	+·070	+·048	+·034	−·027	−·079	−·079	+·013	·205
Oct.	−·086	**−·135**	−·132	−·118	−·116	−·126	−·035	+·031	+·111	**+·126**	+·064	+·027	+·029	+·019	+·059	+·049	+·051	+·053	+·094	+·096	+·046	−·002	−·025	−·075	−·052	·261
Nov.	−·085	−·099	−·123	**−·142**	−·124	−·125	−·113	+·008	+·071	+·093	+·051	+·037	+·004	+·003	+·003	+·024	+·065	+·099	+·098	**+·119**	+·075	+·061	+·041	−·040	+·020	·261
Dec.	−·031	−·082	**−·135**	−·108	−·107	−·077	−·104	−·049	+·058	+·113	**+·114**	+·035	−·018	−·017	+·012	+·013	−·014	+·041	+·043	+·070	+·099	+·100	+·021	+·022	−·026	·249
Year	−·088	−·099	**−·104**	−·095	−·084	−·045	·000	+·048	+·076	+·076	+·052	+·027	−·003	−·001	+·004	+·006	+·031	+·041	+·061	**+·080**	+·068	+·027	−·017	−·057	−·009	·184
Wint'r	−·101	−·123	**−·147**	−·144	**−·147**	−·128	−·091	−·011	+·063	+·086	+·070	+·044	+·017	+·021	+·040	+·047	+·068	+·094	+·102	**+·121**	+·097	+·064	+·007	−·048	−·024	·268
Eqnx.	−·091	−·105	**−·108**	−·100	−·080	−·063	+·023	+·080	**+·092**	+·090	+·052	+·014	−·023	−·016	−·009	−·005	+·033	+·043	+·077	+·089	+·083	+·018	−·022	−·060	−·013	·201
Sumr.	**−·072**	−·069	−·056	−·040	−·021	+·055	+·068	**+·075**	+·072	+·052	+·033	+·023	−·004	−·008	−·019	−·026	−·008	−·016	+·004	+·029	+·025	−·003	−·036	−·057	+·011	·147

Departures from the mean of the day corrected for non-cyclic change.

DECLINATION (Measured positive towards the West) (*Ordinary Days*).

486. Richmond (Kew Observatory). **1924.**

Month and Season.	Hour. 1	G.M.T. 2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Midt.
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan.	−0·80	−0·47	−0·31	−0·38	−0·17	−0·21	−0·29	−0·62	−0·46	+0·37	+1·31	+1·91	**+2·22**	+1·62	+0·84	+0·70	+0·53	−0·08	−0·22	−0·74	**−1·37**	−1·13	−1·09	−1·12
Feb.	−0·66	−0·55	−0·48	−0·37	−0·43	−0·53	−0·56	−0·79	−0·87	−0·11	+1·24	+2·16	+2·65	**+2·66**	+1·68	+0·78	+0·47	+0·09	−0·34	−0·91	−1·26	−1·25	**−1·54**	−1·08
March	−1·21	−0·88	−0·58	−0·88	−0·89	−1·19	−1·88	**−2·75**	−2·49	−0·89	+1·68	+3·88	**+4·80**	+4·60	+3·37	+1·82	+0·56	+0·08	−0·74	−1·14	−1·49	−1·32	−1·32	−1·21
April	−0·82	−0·86	−1·11	−1·17	−1·65	−2·25	−2·95	**−3·67**	−3·18	−1·40	−1·39	+3·84	**+5·54**	+5·24	+3·75	+2·29	+1·14	+0·23	−0·31	−0·53	−0·67	−0·87	−1·02	−0·96
May	−1·08	−1·01	−0·84	−1·07	−1·78	−2·49	**−3·45**	−3·34	−2·27	−0·22	+2·15	+3·80	**+4·76**	+4·05	+3·24	+1·84	+0·89	+0·13	−0·27	−0·52	−0·49	−0·55	−0·71	−0·92
June	−0·60	−0·81	−1·08	−1·89	−2·91	−3·81	**−4·40**	−4·33	−3·55	−1·46	+1·35	+3·80	+5·20	**+5·40**	+4·51	+3·21	+2·07	+0·73	+0·14	−0·04	−0·22	+0·01	−0·50	−0·78
July	−1·22	−1·24	−1·34	−1·82	−2·71	−3·83	**−4·47**	−4·34	−3·37	−1·03	+1·74	+4·25	**+5·47**	+5·36	+4·36	+3·10	+2·27	+1·11	+0·30	−0·14	−0·19	−0·59	−0·74	−0·98
Aug.	−1·34	−1·47	−1·47	−1·91	−2·59	−3·21	**−3·92**	−3·84	−2·67	−0·28	+2·43	+4·79	**+5·75**	+5·30	+4·06	+2·09	+0·82	+0·03	−0·12	−0·18	−0·19	−0·10	−0·68	−1·34
Sept.	−1·85	−2·02	−1·78	−2·20	−2·15	−2·28	−2·40	**−2·46**	−1·75	+0·25	+2·83	+5·00	**+5·79**	+5·14	+3·49	+1·89	+0·94	+0·41	−0·08	−0·47	−1·34	−1·43	−1·65	−1·93
Oct.	−1·29	−1·01	−0·82	−0·93	−0·87	−1·16	−1·72	**−2·83**	**−2·83**	−1·14	+1·62	+3·56	**+4·43**	+4·21	+2·92	+1·83	+1·08	+0·68	+0·08	−0·42	−1·07	−1·37	−1·36	−1·69
Nov.	−1·17	−0·58	−0·23	−0·28	−0·28	−0·43	−0·47	−0·98	−1·15	−0·11	+1·49	+2·45	**+2·75**	+2·36	+1·79	+1·41	+0·93	+0·49	−0·15	−0·88	−1·33	−1·86	−1·78	**−1·91**
Dec.	−0·73	−0·56	−0·38	−0·25	−0·39	−0·44	−0·37	−0·78	−0·49	+0·17	+1·02	+1·60	**+1·96**	+1·49	+0·99	+0·79	+0·67	+0·42	+0·02	−0·44	−0·95	−1·11	**−1·16**	−1·15
Year	−1·06	−0·96	−0·87	−1·10	−1·40	−1·82	−2·24	**−2·56**	−2·09	−0·49	+1·69	+3·43	**+4·28**	+3·95	+2·92	+1·81	+1·03	+0·36	−0·14	−0·53	−0·88	−0·96	−1·13	−1·26
Winter	−0·84	−0·54	−0·35	−0·32	−0·32	−0·40	−0·42	−0·79	−0·74	+0·08	+1·27	+2·03	**+2·39**	+2·03	+1·32	+0·92	+0·65	+0·23	−0·17	−0·74	−1·23	−1·34	**−1·39**	−1·31
Eqnx.	−1·29	−1·19	−1·07	−1·29	−1·39	−1·72	−2·24	**−2·93**	−2·56	−0·79	+1·88	+4·07	**+5·14**	+4·80	+3·38	+1·96	+0·93	+0·35	−0·26	−0·64	−1·14	−1·25	−1·34	−1·45
Sumr.	−1·06	−1·13	−1·18	−1·67	−2·50	−3·33	**−4·06**	−3·96	−2·97	−0·75	+1·92	+4·18	**+5·29**	+5·03	+4·04	+2·56	+1·51	+0·50	+0·01	−0·22	−0·27	−0·31	−0·66	−1·01

DECLINATION (*Quiet days*).

487. Richmond (Kew Observatory). **1924.**

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
Jan.	−0·80	−0·54	−0·03	+0·08	+0·13	−0·03	−0·32	−0·61	−0·28	+0·56	+1·13	**+1·54**	+1·53	+1·08	+0·44	+0·09	+0·12	+0·07	−0·13	−0·50	−0·71	−0·70	**−1·12**	−1·11
Feb.	−0·55	−0·48	−0·62	−0·30	−0·35	−0·45	−0·69	−1·12	**−1·38**	−0·54	+0·91	+2·11	**+2·71**	+2·40	+1·38	+0·26	−0·11	+0·13	−0·29	−0·56	−0·68	−0·62	−0·53	−0·59
March	−0·34	−0·43	−0·52	−0·87	−0·80	−0·97	−1·64	**−2·41**	−2·38	−0·79	+1·66	+3·45	**+3·94**	+3·47	+2·12	+0·51	−0·36	−0·41	−0·46	−0·57	−0·56	−0·61	−0·42	−0·49
April	−0·66	−0·42	−0·85	−1·25	−1·79	−2·33	−2·75	**−3·59**	−3·06	−1·10	+1·64	+4·12	**+5·52**	+4·60	+2·70	+1·37	+0·57	−0·07	−0·31	−0·27	−0·19	−0·38	−0·56	−0·84
May	−0·58	−0·72	−0·85	−1·14	−1·74	−2·23	**−3·12**	−2·90	−1·95	−0·24	+1·80	+4·11	**+4·90**	+3·88	+2·47	+1·12	+0·36	−0·33	−0·52	−0·46	−0·43	−0·54	−0·38	−0·41
June	−0·38	−0·46	−0·65	−1·15	−2·12	−3·28	−3·91	**−4·18**	−4·08	−1·99	+0·79	+3·58	+5·01	**+5·15**	+3·92	+2·72	+1·77	+0·66	+0·08	−0·21	−0·39	−0·12	−0·24	−0·43
July	−0·55	−0·83	−0·92	−1·44	−2·37	−3·51	−4·96	**−5·12**	−4·03	−1·43	+2·08	+4·90	**+5·54**	+5·01	+4·13	+2·56	+1·26	+0·11	−0·17	0·00	+0·02	+0·33	−0·17	−0·48
Aug.	−0·94	−1·11	−1·27	−1·51	−2·05	−2·64	−3·74	**−4·02**	−2·52	+0·33	+2·67	+4·55	**+5·37**	+4·91	+3·70	+1·44	+0·04	−0·64	−0·47	−0·41	−0·23	−0·11	−0·50	−0·80
Sept.	−1·55	−1·59	−1·52	−1·57	−2·01	−2·54	−3·35	**−3·59**	−2·48	−0·29	+2·83	+5·56	**+6·53**	+5·49	+3·20	+1·03	+0·17	−0·18	−0·09	−0·21	−0·64	−0·67	−1·01	−1·46
Oct.	−0·67	−0·63	−0·55	−0·67	−0·79	−1·20	−1·58	−2·72	**−3·08**	−1·54	+1·22	+3·34	+4·18	**+4·20**	+2·86	+1·70	+0·82	+0·30	−0·19	−0·75	−1·01	−1·11	−0·99	−1·05
Nov.	−0·61	−0·50	−0·17	−0·32	−0·39	−0·62	−0·68	−1·07	**−1·12**	−0·11	+1·42	+2·05	**+2·24**	+1·77	+1·06	+0·75	+0·36	+0·06	−0·39	−0·72	−0·75	−0·82	−0·69	−0·80
Dec.	−0·18	+0·11	+0·04	+0·04	+0·13	−0·02	−0·13	−0·86	**−0·88**	−0·33	+0·50	+1·31	**+1·48**	+0·99	+0·63	+0·48	+0·39	+0·16	−0·29	−0·68	−0·82	−0·81	−0·68	−0·67
Year	−0·65	−0·63	−0·66	−0·84	−1·18	−1·65	−2·24	**−2·68**	−2·27	−0·62	+1·55	+3·39	**+4·08**	+3·58	+2·38	+1·17	+0·45	−0·02	−0·27	−0·44	−0·53	−0·51	−0·61	−0·76
Winter	−0·53	−0·35	−0·19	−0·12	−0·12	−0·28	−0·45	−0·91	**−0·92**	−0·10	+0·99	+1·75	**+1·99**	+1·56	+0·88	+0·40	+0·19	+0·08	−0·27	−0·61	−0·74	−0·74	−0·75	−0·79
Eqnx.	−0·81	−0·77	−0·86	−1·09	−1·35	−1·76	−2·33	**−3·08**	−2·75	−0·93	+1·84	+4·12	**+5·04**	+4·44	+2·72	+1·15	+0·30	−0·09	−0·26	−0·45	−0·60	−0·69	−0·75	−0·96
Sumr.	−0·61	−0·78	−0·92	−1·31	−2·07	−2·92	−3·93	**−4·06**	−3·15	−0·83	+1·83	+4·30	**+5·20**	+4·74	+3·55	+1·96	+0·86	−0·05	−0·27	−0·27	−0·26	−0·11	−0·32	−0·53

HORIZONTAL FORCE (*Quiet days*).

488. Richmond (Kew Observatory). **1924.**

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
Jan.	− **6·8**	− 5·9	− 4·7	− 3·3	− 1·7	+ 0·3	+ 2·2	+ 4·4	+ **6·4**	+ 2·8	− 0·1	− 0·6	+ 0·8	+ 1·2	− 0·5	+ 0·3	+ 2·6	+ 4·3	+ 3·3	+ 2·2	+ 1·2	− 0·7	− 2·6	− 5·4
Feb.	− 2·9	− 4·4	− 4·2	− 3·8	− 0·8	+ 1·5	+ 4·9	+ 6·0	+ 2·3	− 5·5	− **9·4**	− 9·2	− 6·1	− 1·5	+ 1·9	+ 0·6	+ 3·5	+ **6·8**	+ **6·8**	+ 4·2	+ 3·1	+ 2·9	+ 2·9	+ 0·6
March	+ 0·5	− 0·9	− 0·7	− 1·4	− 1·3	− 0·2	+ 1·5	+ 1·3	− 3·5	− 9·3	− **9·8**	− 6·9	− 3·2	− 2·0	+ 1·2	+ 2·0	+ 2·7	+ 5·0	+ **5·3**	+ 5·1	+ 4·5	+ 4·7	+ 3·4	+ 2·2
Apr.1	− 0·2	− 0·9	+ 0·3	− 0·3	− 0·5	− 0·8	− 3·1	− 3·9	−11·3	−17·0	−**17·7**	−10·1	− 2·1	+ 3·6	+ 7·1	+ 7·2	+ 7·6	+ **9·2**	+ 8·0	+ 6·8	+ 6·7	+ 5·6	+ 3·8	+ 2·7
May	+ 1·5	− 0·4	− 0·5	− 1·3	− 1·5	− 3·3	− 1·9	− 6·0	−12·4	−**14·8**	−14·5	−10·1	− 5·9	− 2·6	+ 0·4	+ 4·9	+ 9·8	+**12·9**	+11·9	+ 9·5	+ 9·2	+ 8·1	+ 4·3	+ 2·8
June	+ 3·8	+ 3·6	+ 3·3	+ 4·5	+ 4·5	+ 1·9	0·0	− 6·2	−16·6	−**23·1**	−22·8	−19·3	−15·0	−10·2	− 3·8	+ 3·7	+10·9	+**15·3**	+**16·2**	+15·4	+13·6	+10·2	+ 6·2	+ 4·8
July	+ 3·5	+ 2·3	+ **1·5**	+ 3·1	+ 4·2	+ 2·2	− 1·3	−11·1	−24·1	−**26·2**	−22·5	−15·7	− 6·6	+ 0·1	+ 3·8	+ 9·5	+14·1	+**14·9**	+13·6	+10·4	+ 9·3	+ 7·0	+ 4·5	+ 3·1
Aug.	+ 2·4	+ 1·1	+ 0·6	− 0·1	− 1·4	− 3·3	− 3·8	−10·4	−17·0	−**17·7**	−13·0	− 8·4	− 4·6	− 1·4	+ 2·4	+ 5·6	+ 8·6	+10·0	+**10·6**	+10·4	+10·2	+ 8·7	+ 5·8	+ 4·2
Sept.	+ 3·3	+ 2·2	+ 1·4	+ 2·2	+ 2·6	− 0·2	− 4·9	−13·1	−20·4	−**23·4**	−21·3	−12·4	− 0·4	+ 6·5	+ 7·6	+ 8·6	+ 9·3	+10·7	+**10·9**	+ 8·7	+ 6·5	+ 6·0	+ 4·7	+ 4·5
Oct.	+ 2·0	+ 0·8	+ 1·2	+ 0·9	+ 1·7	+ 2·6	+ 1·6	− 1·5	− 7·4	−15·2	−**16·1**	−12·9	− 6·3	− 2·4	− 1·0	+ 0·4	+ 4·9	+ 7·2	+ **8·4**	+ 7·2	+ 7·2	+ 7·2	+ 5·8	+ 3·0
Nov.	− 3·6	− 3·5	− 1·4	− 0·2	+ 2·4	+ 4·5	+ 5·1	+ 4·0	+ 0·4	− 5·8	− **8·6**	− 7·8	− 6·0	− 4·2	− 2·8	+ 0·2	+ 4·0	+ **5·6**	+ 5·4	+ 4·4	+ 4·2	+ 3·3	+ 1·1	− 1·4
Dec.	− **4·9**	− 4·7	− 3·5	− 2·2	− 0·3	+ 0·6	+ 2·5	+ **5·4**	+ 4·0	− 1·7	− 3·5	− 1·0	+ 0·6	+ 1·1	0·0	− 0·8	+ 1·8	+ 3·8	+ 4·1	+ 2·0	+ 0·5	+ 0·3	− 1·2	− 3·1
Year	− 0·1	− 0·9	− 0·6	− 0·2	+ 0·7	+ 0·5	+ 0·2	− 2·6	− 8·3	−13·1	−**13·3**	− 9·5	− 4·6	− 1·0	+ 1·4	+ 3·5	+ 6·7	+ **8·8**	+ 8·7	+ 7·2	+ 6·3	+ 5·3	+ 3·2	+ 1·5
Winter	− 4·5	− 4·6	− 3·5	− 2·4	− 0·1	+ 1·7	+ 3·7	+ 4·9	+ 3·3	− 2·6	− **5·4**	− 4·6	− 2·7	− 0·9	− 0·3	+ 0·1	+ 3·0	+ **5·1**	+ 4·9	+ 3·2	+ 2·3	+ 1·5	+ 0·1	− 2·3
Eqnx.	+ 1·4	+ 0·3	+ 0·6	+ 0·4	+ 0·6	+ 0·4	− 1·2	− 4·3	−10·7	−**16·2**	−**16·2**	−10·6	− 3·0	+ 1·4	+ 3·7	+ 4·6	+ 6·1	+ 8·0	+ **8·1**	+ 6·9	+ 6·2	+ 5·9	+ 4·4	+ 3·1
Sumr.	+ 2·8	+ 1·7	+ 1·2	+ 1·5	+ 1·5	− 0·6	− 1·8	− 8·4	−17·5	−**20·5**	−18·2	−13·4	− 8·0	− 3·5	+ 0·7	+ 5·9	+10·9	+**13·3**	+13·1	+11·4	+10·6	+ 8·5	+ 5·2	+ 3·7

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Month, Season or Year.	ELEMENT. Quiet days D and H, absolute observations I.			FORCE.				RANGE OF INEQUALITY.			AVERAGE DEPARTURE.		
	Declination (West).	Inclination.	Horizontal Force.	North.	West.	Vertical.	Total.	"Ordinary" Days. D′.	Quiet days. D.	Quiet days. H.	"Ordinary" Days. D′.	Quiet days. D.	Quiet days. H.
	° ′	° ′	γ	γ	γ	γ	γ	′	′	γ	′	′	γ
January ...	13 50·4	66 58·3	18391	17857	4399	43268	47014	3·59	2·66	13·2	0·79	0·57	2·7
February...	13 49·4	66 57·0	18395	17862	4395	43230	46981	4·20	4·09	16·2	0·98	0·82	4·0
March ...	13 48·6	66 56·2	18392	17861	4390	43195	46948	7·55	6·35	15·1	1·74	1·26	3·3
April ...	13 47·2	66 55·4	18398	17868	4384	43180	46937	9·21	9·11	26·9	1·95	1·71	5·7
May ...	13 46·5	66 56·5	18400	17871	4381	43227	46980	8·21	8·02	27·7	1·75	1·55	6·3
June ...	13 45·9	66 57·5	18395	17867	4377	43248	46998	9·80	9·33	39·3	2·20	1·97	9·8
July ...	13 44·7	66 56·6	18392	17865	4370	43209	46960	9·94	10·66	41·1	2·33	2·17	8·9
August ...	13 44·0	66 56·3	18388	17862	4365	43191	46942	9·67	9·39	28·3	2·11	1·92	6·7
September	13 42·9	66 56·5	18387	17863	4359	43196	46947	8·25	10·12	34·3	2·15	2·07	8·0
October ...	13 41·6	66 55·9	18386	17863	4352	43172	46924	7·26	7·28	24·5	1·71	1·55	5·2
November	13 40·2	66 56·0	18387	17866	4345	43177	46929	4·66	3·36	14·2	1·14	0·81	3·7
December	13 39·3	66 55·6	18390	17870	4341	43170	46924	3·12	2·37	10·3	0·76	0·53	2·2
Winter ...	13 44·8	66 56·7	18391	17864	4370	43211	46962	3·78	2·91	10·5	0·91	0·66	2·8
Equinox ...	13 45·1	66 56·0	18391	17864	4371	43186	46939	8·07	8·12	24·3	1·88	1·63	5·2
Summer ...	13 45·3	66 56·7	18394	17866	4373	43219	46970	9·35	9·26	33·8	2·09	1·87	7·7
Year 1924	13 45·1	66 56·5	18392	17865	4372	43205	46957	6·84	6·76	22·1	1·62	1·38	4·5
1923	13 57·3	66 57·0	18394	17851	4436	43230	46980	6·23	5·87	21·3	1·50	1·23	4·3
1922	14 8·8	66 57·6	18394	17836	4495	43251	47000	6·55	6·68	22·3	1·67	1·40	4·7
1921	14 19·9	66 57·7	18399	17827	4555	43266	47016	7·51	7·07	22·6	1·83	1·47	4·8
1920	14 31·0	66 57·9	18410	17822	4615	43297	47049	8·12	7·91	28·3	2·10	1·83	6·5
1919	14 40·9	66 57·7	18416	17815	4667	43305	47058	8·73	8·52	28·0	2·26	1·84	6·3
1918	14 50·4	66 58·4	18429	17814	4720	43361	47115	9·31	9·23	30·1	2·28	1·91	7·7
1917	14 59·6	66 58·0	18437	17809	4770	43366	47122	—	10·18	34·0	—	2·16	8·3
1916	15 8·8	66 57·5	18457	17816	4823	43395	47156	—	8·73	30·0	—	1·84	7·0
1915	15 18·4	66 56·6	18463	17808	4874	43376	47141	—	7·30	24·8	—	1·60	5·7
1914	15 27·8	66 55·8	18488	17818	4929	43406	47179	—	6·13	22·2	—	1·30	4·9

MAGNETIC CHARACTER OF EACH DAY.

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Date	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1	0	0	0	0	0	0	1	0	1	0	1	0	—
2	0	0	1	0	0	0	0	0	0	0	1	0	—
3	1	0	1	1	0	0	0	0	0	0	1	0	—
4	0	0	0	0	0	0	0	1	0	1	0	0	—
5	0	2	0	0	0	0	0	1	1	1	0	0	—
6	0	1	1	1	0	0	0	1	1	0	1	0	—
7	1	1	2	1	0	0	0	1	2	1	0	0	—
8	0	0	1	1	0	0	0	0	2	0	0	0	—
9	0	0	1	0	1	1	2	0	1	0	1	0	—
10	1	1	1	0	0	2	1	0	0	0	1	0	—
11	1	1	0	0	1	2	0	0	0	0	0	1	—
12	0	0	1	0	1	1	0	0	2	0	0	2	—
13	0	0	0	0	1	1	0	0	1	0	1	1	—
14	0	0	0	0	0	0	0	0	0	0	1	1	—
15	1	0	0	0	0	0	1	0	0	0	1	1	—
16	0	0	0	0	1	1	0	0	0	1	0	0	—
17	1	0	0	1	0	0	1	2	0	0	0	1	—
18	0	0	0	0	0	2	1	2	0	1	0	0	—
19	0	0	1	0	0	2	0	0	1	0	2	0	—
20	0	2	1	0	0	2	1	0	0	1	0	2	—
21	0	1	1	0	2	1	1	0	0	0	1	2	—
22	1	1	1	0	2	1	0	0	0	0	0	0	—
23	2	1	1	0	2	1	0	0	2	2	0	1	—
24	1	1	0	1	1	0	0	0	2	2	2	0	—
25	1	1	0	1	1	0	1	0	1	2	1	0	—
26	1	1	0	1	0	0	1	0	0	0	1	0	—
27	0	0	0	0	0	1	2	0	2	1	0	0	—
28	0	0	0	0	1	0	1	0	1	1	0	0	—
29	2	0	0	1	0	0	0	1	0	0	0	0	—
30	2	—	2	0	0	1	0	1	0	0	0	0	—
31	1	—	1	—	0	—	0	0	—	1	—	0	—
No. of 0's.	17	17	16	21	20	16	19	23	16	19	16	22	222
No. of 1's.	11	10	13	9	8	9	10	6	8	9	12	6	111
No. of 2's.	3	2	2	0	3	5	2	2	6	3	2	3	33
Mean Chrctr.	0·55	0·48	0·55	0·30	0·45	0·63	0·45	0·32	0·67	0·48	0·53	0·39	0·48

NON-CYCLIC CHANGE (24h.–0h.).

491. Richmond (Kew Observatory). **1924.**

Month, Season or Year.	Ordinary Days. D′.	Quiet Days. D.	Quiet Days. H.
	′	′	γ
Jan. ...	+0·01	+0·78	+2·6
Feb. ...	0·00	+0·08	+2·5
Mar. ...	+0·02	+0·24	+4·7
April ...	−0·01	+0·52	+1·7
May ...	+0·01	+0·32	+2·9
June ...	−0·32	+0·34	+3·4
July ...	+0·12	−0·12	+4·5
Aug. ...	−0·07	−0·06	+0·3
Sept. ...	+0·01	−0·16	+4·3
Oct. ...	−0·02	−0·02	+0·1
Nov. ...	+0·27	+0·22	+3·2
Dec. ...	−0·04	+0·20	+1·7
Winter	+0·06	+0·32	+2·5
Equinox	0·00	+0·14	+2·7
Summer	−0·06	+0·12	+2·8
Year 1924	0·00	+0·19	+2·7
1923	−0·04	−0·03	+1·8
1922	+0·01	+0·13	+2·4
1921	+0·03	+0·07	+3·6
1920	+0·04	+0·16	+3·3
1919	−0·11	+0·04	+5·4
1918	−0·04	−0·11	+4·0
1917	—	+0·13	+4·0
1916	—	−0·02	+3·0
1915	—	−0·21	+2·6
1914	—	+0·03	+1·1

492. MEAN VALUES, FOR THE YEARS SPECIFIED, OF THE MAGNETIC ELEMENTS AT OBSERVATORIES WHOSE PUBLICATIONS ARE RECEIVED AT KEW OBSERVATORY, RICHMOND.

Place.	Latitude.	Longitude.	1924. Declination.	1924. Inclination.	1924. Horizontal Force.	1924. Vertical Force.	1923. Declination.	1923. Inclination.	1923. Horizontal Force.	1923. Vertical Force.	1922. Declination.	1922. Inclination.	1922. Horizontal Force.	1922. Vertical Force.
	° ′ N.	° ′	° ′	° ′ N.	γ	γ	° ′	° ′ N.	γ	γ	° ′	° ′ N.	γ	γ
Sodankylä, Finland	67 22	26 39E.	1 41·1E.	75 45·4	12490	49204	1 30·6E.	75 42·6	12529	49188	1 22·7E.	75 40·5	12561	49187
Lerwick, Shetland Islands ...	60 9	1 11W.	15 30·6W.	72 35·7	14642	46708	15 44·5W.	72 33·6	14655	46652	...	...	...	...
Pavlovsk, Leningrad, Russia	59 41	30 29E.	3 16·1E.	71 23·3	15818	46970	3 7·1E.	71 20·1	15858	46943	2 58·9E.	71 17·3	15895	46927
Sitka, Alaska	57 3	135 20W.	30 28·7E.	74 22·0	15536	55519	30 28·9E.	74 22·1	15549	55573	30 29·1E.	74 22·4	15560	55631
Ekaterinburg, Russia ...	56 50	60 36E.	11 0·8E.	71 58·4	16578	50942	11 0·7E.	71 54·2	16638	50915	11 1·4E.	71 50·4	16692	50890
Rude Skov, Denmark ...	55 51	12 27E.	7 10·4W.	69 5·1	17053	44621	7 22·6W.	69 3·5	17073	44615	7 33·8W.	69 2·6	17087	44614
Kasan, Russia	55 50	48 51E.	8 53·5E.	70 7·6	17310	...	8 50·4E.	70 2·4	17367	...	8 44·5E.	70 0·2	17401	...
Eskdalemuir, Scotland ...	55 19	3 12W.	16 1·2W.	69 38·7	16673	44938	16 13·8W.	69 38·8	16676	44954	16 25·8W.	69 40·0	16680	45012
Meanook, Alberta	54 37	113 21W.	27 17·7E.	77 53·6	12866	59984	27 23·3E.	77 53·2	12881	60025	27 28·5E.	77 53·3	12902	60126
Stonyhurst, Lancs., England	53 51	2 28W.	15 5·4W.	68 41·7	17276	44281	15 17·6W.	68 41·6	17308	44377	15 30·9W.	68 42·4	17305	44402
Potsdam, Prussia	52 23	13 4E.	6 45·0W.	66 38·0	18550	42935	6 56·9W.	66 36·5	18565	42920	7 7·6W.	66 35·7	18577	42918
Seddin, Prussia	52 17	13 1E.	6 46·3W.	66 35·0	18588	42920	6 58·2W.	66 33·5	18603	42905	7 8·9W.	66 32·7	18615	42903
De Bilt, Utrecht, Holland ...	52 5	5 11E.	10 38·3W.	66 52·7	18372	43024	10 50·2W.	66 52·6	18378	43038	11 1·9W.	66 52·8	18382	43054
Valencia, Cahirciveen, Ireland	51 56	10 15W.	18 34·9W.	68 0·1	17854	44214	18 46·5W.	68 1·5	17852	44242	18 57·0W.	68 3·0	17849	44289
Kew, Richmond, Surrey, England.	51 28	0 19W.	13 45·1W.	66 56·5	18392	43205	13 57·3W.	66 57·0	18394	43230	14 8·8W.	66 57·6	18394	43251
Greenwich, London, England	51 28	0 0	13 22·8W.	66 51·6	18426	43112	13 35·1W.	66 51·9	18431	43137	13 46·7W.	66 52·3	18447	43176
Val Joyeux, near Paris, France	48 49	2 1E.	12 7·9W.	64 38·9	19663	41501	12 20·2W.	64 39·0	19664	41504	12 31·5W.	64 39·6	19661	41517
Nantes, France	47 1	1 34W.	13 11·6W.	63 41·6	20240	40940	13 23·5W.	63 46·8	20212	41009	...	...	...	...
Agincourt, Ontario	43 47	79 16W.	7 5·8W.	74 44·3	15752	57733	7 0·9W.	74 44·3	15784	57849	6 56·2W.	74 44·6	15809	57961
Tortosa, Spain	40 49	0 30E.	11 20·2W.	57 30·5	23359	36678	11 30·6W.	57 32·7	23328	36680	11 39·7W.	57 35·5	23314	36725
Coimbra, Portugal	40 12	8 25W.	...	...	...	...	14 54·2W.	58 18·9	23110	37433	15 4·7W.	58 17·0	23096	37369
Cheltenham, Maryland ...	38 44	76 50W.	6 35·8W.	70 59·2	18924	54918	6 32·0W.	70 58·3	18975	55018	6 27·7W.	70 57·6	19020	55115
San Fernando, Spain ...	36 28	6 12W.	13 23·5W.	53 46·8	25016	...	13 32·6W.	53 48·7	25027	...	13 41·6W.	53 50·1	25033	...
Tucson, Arizona	32 15	110 50W.	13 46·4E.	59 29·4	26745	45386	13 47·3E.	59 28·8	26794	45450	13 47·5E.	59 29·0	26839	45533
Lukiapang, Shanghai, China	31 19	121 2E.	...	...	...	...	...	...	...	...	3 25·1W.	45 30·5	33205	33799
Dehra Dun, near Simla, India	30 19	78 3E.	...	...	...	...	1 38·6E.	45 12·6	32926	33168	1 43·2E.	45 8·6	32927	33091
Hongkong, China	22 18	114 10E.	0 23·8W.	30 42·8	37277	22145	0 23·2W.	30 44·7	37284	22177	0 21·5W.	30 46·0	37279	22194
Honolulu, Hawaii	21 19	158 4W.	10 0·2E.	39 24·5	28745	23618	9 58·9E.	39 23·9	28772	23635	9 57·1E.	39 24·4	28794	23658
Teoluyucan, Mexico	19 45	99 11W.	...	...	...	...	9 14·0E.	...	...	...	...	...	...	...
Toungoo, Burma	18 56	96 27E.	...	...	...	...	...	...	...	...	0 29·7W.	23 7·2	39156	16717
Alibag, Bombay, India ...	18 39	72 52E.	...	...	...	...	0 7·9E.	25 8·4	37017	17376	0 12·6E.	25 5·0	36967	17303
Vieques, Porto Rico	18 9	65 26W.	4 14·9W.	51 41·9	27570	34908	4 8·3W.	51 38·1	27629	34902	4 0·9W.	51 33·1	27695	34880
Kodai-Kanal, India	10 14	77 28E.	...	...	...	...	...	...	...	...	1 58·7W.	4 40·1	37878	3093
	S.			S.				S.				S.		
Batavia, Java	6 11	106 49E.	0 52·9E.	32 4·3	36821	23073	0 52·2E.	32 0·9	36805	23012	0 49·3E.	32 0·3	36784	22990
Apia, Samoa	13 48	171 46W.	10 19·2E.	30 7·5	35249	20453	10 16·3E.	30 6·6	35248	20440	10 13·6E.	30 5·6	35241	20423
Mauritius	20 6	57 33E.	10 59·7W.	52 32·2	22943	29940	10 49·2W.	52 33·7	22982	30017	10 39·9W.	52 36·2	23019	30112
Vassouras, Brazil	22 24	43 39W.	...	...	...	...	11 42·8W.	15 53·7	24407	6950	11 34·1W.	15 44·2	24431	6884
Watheroo, Australia ...	30 19	115 53E.	4 18·3W.	64 5·2	24750	50941	4 19·5W.	64 3·0	24777	50914	...	...	...	...
Pilar, Cordova, Argentina ...	31 40	63 53W.	...	...	...	...	...	...	...	...	7 31·9E.	25 39·1	25178	12091
Christchurch, New Zealand...	43 32	172 37E.	17 16·4E.	68 12·7	22188	55508	17 11·7E.	68 12·0	22209	55526	17 8·3E.	68 11·2	22217	55507

493. ADDITIONAL VALUES FOR EARLIER YEARS.

Place.	Latitude.	Longitude.	1921. Declination.	1921. Inclination.	1921. Horizontal Force.	1921. Vertical Force.	1920. Declination.	1920. Inclination.	1920. Horizontal Force.	1920. Vertical Force.	1919. Declination.	1919. Inclination.	1919. Horizontal Force.	1919. Vertical Force.
	° ′ N.	° ′	° ′	° ′ N.	γ	γ	° ′	° ′ N.	γ	γ	° ′	° ′ N.	γ	γ
Ekaterinburg, Russia ...	56 50	60 36E.	...	...	...	...	11 1·9E.	71 42·1	16812	50843	11 2·8E.	71 38·2	16872	50823
Kasan, Russia	55 50	48 51E.	8 43·1E.	69 50·5	17458	...	8 39·6E.	69 48·1	17530	...	8 37·8E.	69 45·6	17570	...
Zui, near Irkutsk, Siberia ...	52 28	104 2E.	...	...	...	...	1 2·3E.	71 6·6	19277	56337	1 6·9E.	71 5·8	19307	56382
Munich, Bavaria	48 9	11 37E.	7 53·6W.	...	...	...	8 3·8W.	...	...	...	8 13·7W.	...	...	...
Pola, Istria	44 52	13 51E.	6 38·6W.	60 10·3	22094	38537	...	...	...	...	7 1·6W.	60 9·3	22111	38539
Tsingtau, Kianchow, China...	36 4	120 19E.	...	...	...	...	4 12·9W.	52 7·0	30817	39610	4 9·9W.	52 7·4	30812	39613
Lukiapang, Shanghai, China	31 19	121 2E.	3 24·0W.	45 30·5	33189	33784	3 21·4W.	45 30·7	33175	33773	3 20·0W.	45 31·0	33187	33790
Helwan, Egypt	29 52	31 21E.	...	...	...	...	1 23·7W.	41 12·8	29956	26236	1 30·6W.	41 9·6	29941	26175
Antipolo, Manila, Philippine Is.	14 36	121 10E.	0 34·2E.	16 7·8	38116	11028	0 35·9E.	16 11·7	38100	11065	0 36·1E.	16 10·1	38107	11048
	S.							S.						
Toolangi, Melbourne, Australia.	37 32	145 28E.	...	...	...	...	8 0·8E.	67 55·1	22874	56384	...	...	...	...

Place.	Latitude.	Longitude.	1918. Declination.	1918. Inclination.	1918. Horizontal Force.	1918. Vertical Force.	1917. Declination.	1917. Inclination.	1917. Horizontal Force.	1917. Vertical Force.	1916. Declination.	1916. Inclination.	1916. Horizontal Force.	1916. Vertical Force.
	° ′ N.	° ′	° ′	° ′ N.	γ		° ′	° ′ N.	γ		° ′	° ′ N.	γ	
Ekaterinburg, Russia ...	56 50	60 36E.	11 3·3E.	71 33·9	16936	...	11 3·7E.	71 29·8	17000	...	11 3·8E.	71 25·6	17070	...
Kasan, Russia	55 50	48 51E.	8 32·9E.	69 43·9	17640	...	8 31·3E.	69 37·1	17696	...	8 27·9E.	69 32·8	17760	...
Irkutsk, Siberia	52 16	104 19E.	1 2·1E.	70 54·0	19491	...	1 8·3E.	70 49·7	19545	...	1 13·6E.	70 48·5	19577	...
Zui, near Irkutsk, Siberia ...	52 28	104 2E.	1 10·6E.	71 4·6	19332	...	1 15·5E.	71 3·6	19361	...	1 20·7E.	71 2·5	19396	...

Place.	Latitude.	Longitude.	1915. Declination.	1915. Inclination.	1915. Horizontal Force.	1915. Vertical Force.	1914. Declination.	1914. Inclination.	1914. Horizontal Force.	1914. Vertical Force.	1913. Declination.	1913. Inclination.	1913. Horizontal Force.	1913. Vertical Force.
	° ′	° ′	° ′	° ′	γ		° ′	° ′	γ		° ′	° ′	γ	
Ekaterinburg, Russia ...	56 50	60 36E.	11 2·6E.	71 21·2	17142	...	11 0·1E.	71 16·2	17219	...	10 57·4E.	71 12·1	17290	...
Kasan, Russia	55 50	48 51E.	8 24·3E.	69 28·8	17829	...	...	...	...	...	...	...	...	...
Irkutsk, Siberia	52 16	104 19E.	1 19·3E.	70 46·5	19624	...	1 24·6E.	70 43·8	19671	...	1 29·7E.	70 40·4	19715	...

M.O. 289
(Aerological Section)

FOR OFFICIAL USE

Air Ministry

METEOROLOGICAL OFFICE

THE OBSERVATORIES' YEAR BOOK 1924

Comprising the meteorological and geophysical results obtained from autographic records and eye observations at the observatories at Lerwick, Aberdeen, Eskdalemuir, Cahirciveen (Valencia Observatory), and Richmond (Kew Observatory), and the results of soundings of the upper atmosphere by means of registering balloons.

AEROLOGICAL SECTION

Published by the authority of the
METEOROLOGICAL COMMITTEE

LONDON
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

1927

AEROLOGICAL SECTION.

Station.	Latitude.	Longitude.	Height above Sea Level.
Kew	51° 28′ N. ..	0° 19′ W. ..	7 metres.
Sealand	53° 14′ N. ..	3° 0′ W. ..	5 metres.
English Channel ..	50° 38′ N. ..	0° 21′ E. ..	0 metres.

INTRODUCTION.

Notes on the tables of Upper Air Temperatures obtained from soundings with registering balloons at Richmond, Sealand and the English Channel. 1924.

The tables are presented in the same form as those appearing in the Observatories' Year Book for 1923. The Dines pattern meteorograph was employed solely as before, the instruments being mainly constructed in the Observatory workshop supplemented by a few purchased from outside contractors.

The method of operation remained substantially the same as that described in the Computer's Handbook.*

In the computation of pressure-height a value of gravity constant with height has been assumed, and equal to 981·2 ; the effect of humidity on the density of the air has been neglected.

A total of 56 soundings were made during the year, 36 from the Distributive Station of the Meteorological Office at Sealand Aerodrome, 19 from Kew Observatory and one from a vessel in the English Channel. Of these, 45 instruments were found and returned ; one had only reached a negligible height and three others failed to give good records through instrumental defects. The choice of station from which an ascent was made was generally determined in view of the probable direction and run of the balloon, and in consequence the percentage of returns has been high. The average height reached was appreciably greater than in the previous year.

In most cases the mean of the records on the ascent and descent was employed entirely in computing the published figures. In one case where the difference between the two was greater than usual the colder record was used alone in the upper part of the ascent ; in a few other cases where the difference was pronounced near the ground only, what was judged to be the ascending record was alone employed for this particular layer, the rest being determined from the mean as usual. As a general rule the difference between the two records of temperature did not exceed 5 degrees, the mean having about half of this value. Whenever direct evidence could be obtained it was almost always found that in the troposphere the descending record was the colder of the two. In the case of high ascents made during the daytime a pronounced rise of temperature was sometimes observed over about a kilometer at the extreme top, particularly so on the record of the descent immediately after the balloon had burst. There is good evidence that this is a fictitious effect caused by insolation, and that the ascent is a great deal more affected by it than the descent. The rise of temperature has accordingly been ignored and greater weight given to the descent than to the ascent at the extreme top.

The ventilation of the meteorograph is effected solely by the natural draught produced by its vertical velocity. During the year a new type of case was designed for the instrument and gradually taken into use, the ends of which were coned out in order to induce a greater draught of air over the instrument within. The vertical

* MO. 223, Section II, Sub-section II.

velocity of the rising balloon was of the order 200 meters per minute in rather more than half of the soundings, and 300 metres per minute or more in the remainder. After the balloon had burst the instrument fell at the rate of about 700 or 800 meters per minute.

The figures given in the table of lapse rates do not in every case agree with the temperatures appearing in the table of temperature-heights. The reason is that both were determined independently from the original data, which can sometimes profitably be read to ·5 degree, and then rounded off to the nearest whole degree.

The method used in the previous year of making the pressure-temperature marks in the calibration of the meteorograph was maintained as the regular practice. For a description of the process see the *Meteorological Magazine*, August, 1923, page 165.

All new meteorographs, and all old ones used again after repair, were seasoned in a vacuum chamber before use by being subjected to several slow reductions of pressure. This process has been found to reduce greatly the chance of a systematic difference occurring between the results of a fast and a slow calibration. More detail is given in the Introduction to the tables for 1923, and within the limits of accuracy at present attainable in the measurement of upper air pressures the results of the fast reduction of pressure in the calibration test may be taken as applying to the slow reduction in an actual flight.

Some modified forms of aneroid box were employed during the year, but while they possessed the advantage of a more uniform scale value at low pressures, the lag, or difference in reading as between a falling and a rising pressure, remained as before at about 6 or 7 mb. in the middle region of a high ascent, falling off to something less than this on either side. If a correction be applied to the recorded temperature-pressures to allow for the error, it results for an average sounding in the troposphere in an increase in the difference between the temperatures recorded at any pressure on the ascent and descent.

The effect is to make the recorded temperatures on the descent too high by about one degree at a height of 5 or 6 kilometers, with a tendency for the error to fall off above and below. When the mean of the two records is employed the resultant error is halved and ceases to be serious.

When soundings were made from Sealand Aerodrome, meteorographs calibrated beforehand at Kew Observatory were forwarded by post to Sealand, and there is reason to suppose that the zero readings were sometimes disturbed before the sounding was made by shocks encountered in transit. Serious cases were readily discoverable and if necessary the results were rejected; minor ones, however, were not, and the general standard of accuracy attained in the soundings from Sealand was somewhat lowered in consequence.

In Table 494 occur the entries "Types of Tropopause" and "H_c=Height of Tropopause." These are defined as follows:—Type 1. The stratosphere commences with an inversion, and H_c is the height of the first point of zero temperature gradient. Type 2. The stratosphere begins with an abrupt transition to a temperature gradient below 2a. per kilometer without inversion, and H_c is the height of the abrupt transition. Type 3. There is no abrupt change of temperature gradient, and the base of the stratosphere is taken at the point where the mean fall of temperature for the kilometer next above is 2a. or less, provided that it does not exceed 2a. for any subsequent kilometer.

SOUNDINGS WITH REGISTERING BALLOONS, 1924.

Sealand : Lat. 53° 14′ N. ; Long. 3° 00′ W. Kew : Lat. 51° 28′ N. ; Long. 0° 19′ W.

494. T = Temperature in Degrees absolute above 200a. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	467.	469.	471.	472.	473.	476.	478.	479.	480.	481.	482.	484.	485.
Date.	Jan. 1.	Jan. 3.	Feb. 9.	Feb. 13.	Feb. 27.	Mar. 5.	Mar. 7.	Mar. 8.	Mar. 17.	Mar. 18.	Mar. 19.	Mar. 21.	Mar. 22.
Station.	Sealand.	Sealand.	Kew.	Kew.	Sealand.	Sealand.	Kew.	Kew.	Sealand.	Sealand.	Sealand.	Kew.	Sealand.
Start G.M.T.	16 h. 10 m.	16 h. 39 m.	10 h. 30 m.	14 h. 43 m.	17 h. 23 m.	17 h. 30 m.	17 h. 26 m.	17 h. 30 m.	07 h. 15 m.	07 h. 20 m.	07 h. 20 m.	08 h. 16 m.	11 h. 32 m.
H_t = Greatest Height	12·87 km.	12·32 km.	17·35 km.	3·77 km.	15·59 km.	14·11 km.	18·00 km.	12·22 km.	11·55 km.	19·30 km.	18·83 km.	7·50 km.	10·55 km.
T_t = Corresponding Temperature...	220 a	220 a.	223 a.	257 a.	219 a.	217 a.	215 a	211 a.	211 a.	223 a.	222 a.	236 a.	220 a.
P_t = Corresponding Pressure ...	171 mb.	181 mb.	82 mb.	618 mb.	106 mb.	127 mb.	71 mb.	179 mb.	200 mb.	64 mb.	64 mb.	374 mb.	235 mb.
Place of Fall	Hednesford, Staffs.	Frome, Somerset.	Braughing, Herts.	Englefield Green, Surrey.	Sheldon, Birmingham.	Derwent, Sheffield.	W. Peckham, Maidstone.	Great Leigh, Chelmsford.	Ladywood, Birmingham.	Northfield, Birmingham.	Stafford.	Cheshunt, Herts.	Matlock Moor, Derbyshire.
Distance	88 km.	227 km.	53 km.	17 km.	117 km.	87 km.	53 km.	69 km.	113 km.	113 km.	76 km.	38 km.	98 km.
Bearing	130°	169°	26°	262°	135°	79°	118°	56°	139°	142°	129°	43°	97°
Geostrophic Wind—													
Speed	11 m/s.	? 7 m/s.	25 m/s.	22 m/s.	15 m/s.	? 11 m/s.	7 m/s.	8 m/s.	?	?	11 m/s.	9 m/s.	13 m/s.
Degrees from N.	330	300	160°	100°	360°	140°	150°	160	?	?	290°	110°	240°
Wind (Anemograph)—													
Speed	9 m/s.	—	7 m/s.	9 m/s.	9 m/s.	7 m/s.	4 m/s.	3 m s.	0 m/s.	0 m/s.	1 m/s.	4 m/s.	7 m/s.
Degrees from N.	292°	—	112°	68°	304°	158°	90°	158	—	—	225°	90°	202°
Humidity at Surface	93%	87%	97%	80%	86%	95%	84%	50%	95%	98%	98%	81%	72%
Type of Tropopause	I.	I.	I.	—	I.	III.	I.	I.	?	I.	I.	—	II.
H_c = Height of „	11·65 km.	11·14 km.	8·91 km.	—	9·08 km.	8·04 km.	11·25 km.	11·09 km.	?	10·72 km.	10·63 km.	—	10·17 km.
P_c = Pressure at „	207 mb.	218 mb.	298 mb.	—	292 mb.	330 mb.	210 mb.	215 mb.	?	227 mb.	230 mb.	—	250 mb.
T_c = Temp. at	218 a.	213 a.	226 a.	—	217 a.	219 a.	205 a.	209 a.	?	211 a.	213 a.	—	220 a.
P_9 = Pressure at 9 km.	311 mb.	304 mb.	294 mb.		295 mb.	284 mb.	303 mb.	300 mb.	300 mb.	298 mb.	297 mb.	—	299 mb.
P_s (Pressure at M.S.L.)	1023 mb.	1017 mb.	983 mb.	1004 mb.	1019 mb.	1010 mb.	1031 mb.	1027 mb.	1021 mb.	1019 mb.	1011 mb.	1002 mb.	1002 mb.
T_m (Mean Temp. 1 to 9 km.) ...	257 a.	253 a.	252 a.	—	246 a.	241 a.	249 a.	248 a.	249 a.	248 a.	249 a.	—	252 a.

495. NOTES.

No.	Time.	Date.	
467.	16.10	1.1.24.	Weather overcast with rain. St. and Fr-St. cloud sheet at about 250 m. Marked inversion 0·67 km. to 1·04 km. Temps. 276½ a. to 281½ a. Small isothermal patch 2·74 km. to 2·96 km. Temp. 271½ a. *Pressure distribution.* Type IV. Secondary low centred at Iceland, displacing wedge of high pressure over British Isles.
469.	16.39.	3.1.24.	Weather overcast. St. from S.W. A-Cu. and Ci-Cu. from NNW, very fast. Exceptionally long run of balloon. Isothermal patches 2·43 km. to 2·77 km. at 265½ a. and 3·95 km. to 4·06 km. at 260½ a. *Pressure distribution.* Type IV.a. Low centred W. of Iceland, breaking down to small secondaries. Irregular distribution over England.
471.	10.30.	9.2.24.	Weather overcast with slight rain and pressure falling rather fast. St-Nb cloud sheet at about 200 m. Isothermal patches 0·41 km. to 0·65 km. at 277 a. and 1·00 km. to 1·20 km. at 275½ a. *Pressure distribution.* Type V.a. Secondary developing over S. Ireland.
472.	14.43.	13.2.24.	Weather overcast. St. sheet at about 300 m. Pronounced inversion 1·12 km. to 1·31 km. Temps. 264½ a. to 270½ a. *Pressure distribution.* Type VII.a. Straight isobars ; low over Bay, High over N. Sea.
473.	17.23.	27.2.24.	Weather overcast with rain. Cloud sheet at about 250 m. Nb. and Fr-St. Small isothermal patch at 4·3 km. The stratosphere contained many minor variations of temp. shewn on both traces alike. *Pressure distribution.* Type XII. After passage of secondary V. trough.
476.	17.30.	5.3.24.	Weather overcast, following rain. Fr-St. at about 300 m. with Nb. above it. *Pressure distribution.* Type XIV. (?). Left front of secondary Low travelling towards S.E. and near centre.
478.	17.26.	7.3.24.	Weather hazy, without cloud. Cold East wind undercutting a warmer Westerly current. Up and down traces very distinct. In version on up trace 0·97 km. to 1·12 km. Temps. 272½ a. to 275 a. On down trace small inversion at about same level and another 0·59 km. to 0·81 km. Temps. 274 a. to 276 a. *Pressure distribution.* Type VI. High pressure over Denmark.
479.	17.30.	8.3.24.	Weather fair. Cirrus moving slowly, no low clouds. Inversion 1·06 km. to 1·25 km. Temps. 273 a to 275 a. *Pressure distribution.* Type VI. High pressure over Central Europe.
480.	7.15.	17.3.24.	Weather fair and frosty. Cirrus moving rather fast from NW. No low clouds. Inversion near ground. *Pressure distribution.* Type X. High centred between Iceland and British Isles. Lows over Western Russia and Azores.
481.	7.20.	18.3.24.	Weather calm and frosty with fog. Cirrus at 11.25 moving rather fast from N.W. Inversion near ground. *Pressure distribution.* Type X. Situated in ill-defined region of high pressure.
482.	7.20.	19.3.24.	Weather frosty morning with mist. Ci Cu 1/10 moving fast from NW. Inversion near ground. Inversion 1·57 km. to 1·85 km. Temps. 267 a. to 268 a. *Pressure distribution.* Type II. (?). General fall of pressure since previous day. A high off West of Ireland and a low between Scotland and Norway.
484.	8.16.	21.3.24.	Weather overcast with St. sheet. Inversion, upper limit 0·60 km. and temp. max. 278 a. *Pressure distribution.* Type ?. Low over Atlantic, high over Central Europe, with a row of small lows lying on a N-S. line between them.
485.	11.32.	22.3.24.	Weather overcast with slight showers. Fr-St cloud at about 300 m., St-Cu at about 1200 m. A-Cu moving from W. Small inversion 1·57 to 1·77 km. ; Temp. 273 a. to 274 a. Another smaller one at 3·30 km. Some uncertainty in the temperatures in this ascent as the figures did not agree with the surface temperature. Finally + 3 a. was added to all temperatures as read on the records. *Pressure distribution.* Type VII. Low off Ireland with S. to SW. gradient over England.

SOUNDINGS WITH REGISTERING BALLOONS, 1924.

English Channel: Lat. 50° 38′ N.; Long. 0° 21′ E.

494. T = Temperature in Degrees absolute above 200a. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	486.	488.	490.	491.	492.	493.	494.	495.	496.	497.	498.	499.	501.	502.
Date.	May 7.	May 9.	May 23.	May 25.	June 5.	June 16.	July 14.	July 15.	July 16.	July 17.	July 18.	July 19.	Aug. 7.	Sept. 3.
Station.	Sealand.	Sealand.	Sealand.	Sealand.	Sealand.	English Channel.	Sealand.	Sealand.	Kew.	Sealand.	Sealand.	Sealand.	Kew.	Sealand.
Start G.M.T.	19 h. 05 m.	19 h. 12 m.	19 h. 05 m.	09 h. 40 m.	18 h. 30 m.	17 h. 54 m.	07 h. 20 m.	07 h. 15 m.	11 h. 15 m.	07 h. 15 m.	07 h. 25 m.	07 h. 15 m.	18 h. 10 m.	07 h. 22 m
H_t = Greatest Height ...	17·65 km.	13·54 km.	17·27 km.	10·66 km.	17·84 km.	5·44 km.	20·57 km.	20·70 km.	8·76 km.	17·41 km.	15·98 km.	16·53 km.	11·05 km.	16·46 km.
T_t = Corresponding Temperature.	226 a.	219 a.	225 a.	238 a.	225 a.	262 a.	231 a.	229 a.	243 a.	232 a.	233 a.	233 a.	228 a.	218 a.
P_t = Corresponding Pressure.	80 mb.	149 mb.	85 mb.	234 mb.	78 mb.	520 mb.	56 mb.	54 mb.	330 mb.	89 mb.	110 mb.	101 mb.	228 mb.	101 mb.
Place of Fall ...	Harwood, nr. Bolton.	Wortley, Sheffield.	Hawks-wick, nr. Skipton, Yorks.	Hooton Roberts, Rother-ham.	Clifton Ash-bourne, Derby-shire.	4 Miles S.S.E. of East-bourne.	Thurlston, nr. Derby.	Todmor-ton, Yorks.	Dunmow, Essex.	Worksop, Notting-hamshire.	Wood-house Eves, Lough-borough.	Checkley, Stoke-on-Trent.	Patcham, Brighton, Sussex.	Pantydwr Radnor.
Distance	53 km.	99 km.	103 km.	118 km.	87 km.	9 km.	113 km.	81 km.	63 km.	126 km.	130 km.	75 km.	67 km.	101 km.
Bearing	44°	74°	38°	75°	107°	351°	110°	48°	46°	86°	115°	116°	180°	199°
Geostrophic Wind— Speed	18 m/s.	13 m/s.	13 m/s.	13 m/s.	6 m/s.	9 m/s.	7 m/s.	7 m/s.	7 m/s.	9 m/s.	13 m/s.	9 m/s.	9 m/s.	11 m/s.
Degrees from N. ...	290°	200°	230°	300°	200°	120°	260°	210°	290°	225°	320°	315°	10°	80°
Wind (Anemograph)— Speed	9 m/s.	7 m/s.	9 m/s.	9 m/s.	3 m/s.	—	4 m/s.	4 m/s.	4 m/s.	4 m/s.	9 m/s.	4 m/s.	4 m/s.	4 m/s.
Degrees from N. ...	259°	158°	202°	259°	225°	—	248°	135°	270°	202°	292°	270°	315°	22°
Humidity at Surface ...	69%	80%	66%	84%	90%	—	62%	79%	68%	75%	77%	84%	69%	89%
Type of Tropopause	I.	I.	I.	II.	I.	—	I.	I.	—	I.	I.	I.	II.	II.
H_c = Height of „	7·76 km.	10·74 km.	8·89 km.	7·54 km.	11·81 km.	—	12·61 km.	12·78 km.	—	10·65 km.	9·51 km.	10·03 km.	9·52 km.	12·74 km.
P_c = Pressure at „ ...	350 mb.	233 mb.	300 mb.	370 mb.	200 mb.	—	189 mb.	183 mb.	—	244 mb.	285 mb.	264 mb.	287 mb.	181 mb.
T_c = Temp. at „ ...	227 a.	211 a.	225 a.	234 a.	210 a.	—	221 a.	217 a.	—	229 a.	230 a.	227 a.	228 a.	217 a.
P_9 (Pressure at 9 km.) ...	290 mb.	306 mb.	295 mb.	298 mb.	310 mb.	—	323 mb.	323 mb.	—	312 mb.	307 mb.	308 mb.	310 mb.	320 mb.
P_s (Pressure at M.S.L.)...	1002 mb.	1017 mb.	1003 mb.	997 mb.	1017 mb.	1014 mb.	1025 mb.	1020 mb.	1011 mb.	1010 mb.	1010 mb.	1013 mb.	1023 mb.	1026 mb.
T_m (Mean Temp. 1 to 9 km.).	247 a.	254 a.	250 a.	253 a.	256 a.	—	265 a.	266 a.	—	260 a.	256 a.	256 a.	256 a.	262 a.

495.

NOTES.

No.	Time.	Date.	
486.	19.5	7.5.24.	Weather cloudy; rain in sight. Clouds at all levels from Ci-Cu to Fr-St., moving from about W. *Pressure distribution.* Type XV. Secondary over N. Sea, low centred over S. Scotland moving East.
488.	19.12.	9.5.24.	Weather overcast with rain. Clouds Fr-Nb at about 500 m. and A-St. *Pressure distribution.* Type IV.a. Depression to the W. coming in slowly.
490.	19.5.	23.5.24.	Weather fine. Clouds Fr-Cu, Cu-Nb, and Ci-St. Ci. moving at moderate rate from WSW.; lower clouds from about the same direction. *Pressure distribution.* Type IV.a. Depression off NW. Ireland moving slowly E.
491.	9.40.	25.5.24.	Weather overcast with showers and squalls. Clouds Nb, Cu-Nb, and St-Cu. Lowest cloud at about 800 m. Inversion (small) at 1·29 km. up trace only. *Pressure distribution.* Type I.a. Depression moving E. across Scotland.
492.	18.30.	5.6.24.	Weather overcast. Clouds St-Cu and Fr-St. Base of cloud layer at about 1100 m. Ci. later moving fast from W. Traces of small isotherm patches at 2·8 and 4·0 km. *Pressure distribution.* Type VII. Large depression far out over Atlantic spreading N. and NE.
493.	17.54.	16.6.24.	Ascent from ship. *Pressure distribution.* Type XI.a. Low over Spain, high over Germany.
494.	7.20.	14.7.24.	Weather fine. Clouds St-Cu low, and Ci-Cu. Wind at upper level from WNW. Inversions 1·65 km. to 2·08 km. Temps 278 a. to 280 a. 3·37 km. 3·87 km. Temps. 274 a. to 274½ a. and traces of a small inversion on both traces at about 8 km. *Pressure distribution.* Type V. Low centred near Iceland, anticyclone spreading over England from France.
495.	7.15.	15.7.24.	Weather fine and cloudless. Wind at all levels except the surface from about SW. Balloon followed by theodolite till it burst. Approxima rate of ascent 275 m/min., of fall 830 m/min. Very small inversions at 1·15 km. and 2·18 km. *Pressure distribution.* Type V. Low centred South of Iceland, anticyclone over Central Europe.
496.	11.15.	16.7.24.	Weather overcast. Clouds St-Cu from W'S., A-Cu and Ci. from WSW. Marked insolation effect on up trace from 5 km. upwards, very litt below. Small inversion 0·82 km. to 1·08 km. Temps. 287 a. to 287½ a. *Pressure distribution.* Type II. A trough of low pressure associated with a depression S. of Iceland was moving across the British Isles.
497.	7.15.	17.7.24.	Weather overcast with some rain. Clouds Fr-St. at about 800 m. and St-Cu. at about 1600 m. Inversions 2·10 km. to 2·34 km. Temp. 273 § a. 274 a. with an isothermal patch at 274 a. above it to 2·66 km. *Pressure distribution.* Type XIV. (?). A secondary to a large depression near Iceland, lately developed SW. of Ireland and moving E.
498.	7.25.	18.7.24.	Weather cloudy with showers and squalls. Barometer rising fast. Clouds St, St-Cu. and A-Cu. A-Cu. moving fast from N'W. *Pressure distribution.* Type I.a. The secondary noted on 17.7.24 had moved up the Channel and was over Holland.
499.	7.15.	19.7.24.	Weather overcast with showers. Cloud sheet St., and St-Cu. at 600 m. *Pressure distribution.* Type IV. Ridge of high pressure covering SW. part of the British Isles.
501.	18.10.	7.8.24.	Weather fine. Clouds trace of Cu. in East. Small inversion 2·35 km. to 2·65 km. Temp. 269½ a. to 270½ a. *Pressure distribution.* Type I.a. Anticyclone spreading in from SW. towards the British Isles.
502.	7.22.	3.9.24.	Weather fine and misty. Clouds trace of Cu. at 1300 m. Inversion 1·14 km. to 1·69 km. Temp. 278 a. to 280 a. *Pressure distribution.* Type VII. c. An extension of a Scandinavian High covered most of the British Isles. Low centres near Iceland and Central Mediterranean.

SOUNDINGS WITH REGISTERING BALLOONS, 1924.

494. T = Temperature in Degrees absolute above 200a. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	504.	505.	507.	509.	510.	511.	512.	513.	514.	515.	516.	517.	519.	521.
Date.	Sept. 4.	Sept. 4.	Sept. 4.	Sept. 4.	Sept. 4.	Sept. 5.	Oct. 2.	Nov. 6.	Nov. 11.	Nov. 11.	Nov. 12.	Nov. 12.	Nov. 13.	Dec. 4.
Station.	Kew.	Sealand.	Sealand.	Kew.	Kew.	Kew.	Sealand.	Sealand.	Kew.	Sealand.	Sealand.	Sealand.	Sealand.	Kew.
Start G.M.T.	07 h. 00 m.	07 h. 30 m.	11 h. 10 m.	18 h. 51 m.	23 h. 00 m.	18 h. 35 m.	17 h. 35 m.	17 h. 28 m.	07 h. 15 m.	17 h. 30 m.	07 h. 55 m.	17 h. 45 m.	17 h. 30 m.	12 h. 25 m.
H_t = Greatest Height ...	9·84 km.	13·38 km.	14·34 km.	13·94 km.	17·53 km.	16·87 km.	19·59 km.	14·12 km.	16·71 km.	12·71 km.	10·44 km.	14·50 km.	12·68 km.	13·98 km.
T_t = Corresponding Temperature.	225 a.	229 a.	227 a.	223 a.	223 a.	219 a.	221 a.	211 a.	216 a.	224 a.	218 a.	221 a.	218 a.	211 a.
P_t = Corresponding Pressure.	272 mb.	162 mb.	138 mb.	144 mb.	85 mb.	91 mb.	59 mb.	138 mb.	91 mb.	171 mb.	241 mb.	130 mb.	173 mb.	140 mb.
Place of Fall	Bagshot Park, Surrey.	Tryfan Cupelcurig, Carnarvon.	Llansannan, Abergele, N. Wales.	Scotswood, Sunningdale, Berks.	East Hampst'ad Bracknell, Berks.	1 mile N.E. of Ramsgate.	Ulpha, Broughton-in-Furness.	Mynytho, Pwllheli, N. Wales.	Woolwich Arsenal, London.	Catterick Camp, Richmond, Yorks.	Wrightington, Wigan, Lancs.	Norton Runcorn, Cheshire.	Northwick, Weaverham, Cheshire.	Royancourt, Oise, France.
Distance	17 km.	62 km.	40 km.	22 km.	30 km.	122 km.	121 km.	101 km.	28 km.	125 km.	43 km.	24 km.	28 km.	270 km.
Bearing	246°	258°	262°	253°	257°	96°	352°	248°	83°	35°	26°	63°	87°	139°
Geostrophic Wind— Speed	11 m/s.	11 m/s.	11 m/s.	9 m/s.	7 m/s.	?	?	9 m/s.	7 m/s.	?	6 m/s.	9 m/s.	9 m/s.	13 m/s.
Degrees from N. ...	40°	80°	100°	45°	70°	?	?	110°	180°	?	360°	30°	160°	210°
Wind (Anemograph)— Speed	7 m/s.	1 m/s.	4 m/s.	3 m/s.	1 m/s.	1 m/s.	3 m/s.	1 m/s.	1 m/s.	1 m/s.	3 m/s.	3 m/s.	1 m/s.	4 m/s.
Degrees from N. ...	45°	315°	68°	360°	45°	180°	158°	360°	135°	180°	326°	349°	135°	180°
Humidity at Surface ...	93%	93%	60%	96%	95%	85%	87%	98%	98%	96%	94%	92%	92%	92%
Type of Tropopause	?	I.	I.	I.	I.	I.	I.	I.	II.	II.	?	I.	I.	I.
H_c = Height of ,, ...	9·58 km.	10·04 km.	10·51 km.	10·02 km.	10·04 km.	10·75 km.	11·03 km.	11·81 km.	11·29 km.	9·05 km.	9·81 km.	10·33 km.	11·53 km.	11·69 km.
P_c = Pressure at ,, ...	283 mb.	268 mb.	248 mb.	263 mb.	265 mb.	235 mb.	224 mb.	200 mb.	215 mb.	300 mb.	266 mb.	248 mb.	208 mb.	202 mb.
T_c = Temp. at ,, ...	225 a.	223 a.	219 a.	220 a.	223 a.	221 a.	217 a.	212 a.	214 a.	224 a.	219 a.	219 a.	209 a.	215 a.
P_9 (Pressure at 9 km.) ...	309 mb.	314 mb.	312 mb.	308 mb.	310 mb.	307 mb.	306 mb.	311 mb.	307 mb.	302 mb.	301 mb.	304 mb.	310 mb.	307 mb.
P_s (Pressure at M.S.L.)...	1019 mb.	1023 mb.	1022 mb.	1017 mb.	1016 mb.	1010 mb.	1005 mb.	1033 mb.	1019 mb.	1020 mb.	1031 mb.	1033 mb.	1025 mb.	1009 mb.
T_m (Mean Temp. 1 to 9 km.).	256 a.	258 a.	257 a.	256 a.	257 a.	256 a.	256 a.	254 a.	255 a.	251 a.	248 a.	250 a.	255 a.	257 a.

495. NOTES.

No.	Time.	Date.	
504.	7.00.	4.9.24.	Weather overcast, with Stratus at about 250 m. and trace of A-St. Small inversion 3·86 km. to 4·09 km. Temp. 263 a. to 264 a. *Pressure distribution.* Type VIIc. Scandinavian anticyclone almost stationary, low over Western Mediterranean.
505.	7.30.	4.9.24.	Weather overcast. Stratus at 600 m., St-Cu. at 1200 m. Isothermal patch 1·72 km. to 2·26 km. at 277 a. *Pressure distribution.* Type VIIc. See foregoing.
507.	11.10.	4.9.24.	Weather cloudy. Cu. at 1000 m. A-Cu. from E. Isothermal patch 1·90 km. to 2·48 km. at 274 a. *Pressure distribution.* Type VIIc. See foregoing.
509.	18.51.	4.9.24.	Weather overcast with low St at about 300 m. and St-Cu. Small isothermal patch 2·60 km. to 2·81 km. at Temp. 272 a. *Pressure distribution.* Type VIIc. Same as foregoing, but signs of a depression appearing W. of Ireland.
510.	23.00.	4.9.24.	Weather overcast with Stratus cloud. Isothermal patch 1·39 km. to 1·78 km. at 278 a. *Pressure distribution.* Type VIIc. Little change since morning, but pressure falling generally and gradients becoming less steep.
511.	18.35.	5.9.24.	Weather fine, with some St-Cu. Isothermal patch 2·15 km. to 2·52 km. at Temp. 273½ a. (Instrument recovered from the sea.) *Pressure distribution.* Type VIIa. Depression out in Atlantic, High region from Iceland to W. Russia, pressure gradient light over British Isles.
512.	17.35.	2.10.24.	Weather overcast. Clouds St and St-Cu. Lowest cloud 750 m. *Pressure distribution.* Type XII. Irregular shallow trough of low pressure over British Isles.
513.	17.28.	6.11.24.	Weather thick wet fog. Inversion 0·94 km. to 1·30 km. Temp. 275 a. to 277½ a. Isothermal 6·32 km. to 6·47 km. at 245 a. *Pressure distribution.* Type VIIIa. Anticyclone centred to W. of Scotland, depression over Spain.
514.	7.15.	11.11.24.	Weather cloudy with St-Cu. at about 700 m. Small inversion near ground. *Pressure distribution.* Type Va. Low S.W. of Iceland, High over Baltic. Secondary trough affecting W. England. Above the surface distribution a pronounced current from N. existed over S. England.
515.	17.30.	11.11.24.	Weather overcast with rain. Clouds St. at 600 m. *Pressure distribution.* Type Va. Development of foregoing, a shallow secondary now affecting the English Channel. Upper Northerly current not in evidence in N. England.
516.	7.55.	12.11.24.	Weather fine. Clouds St-Cu., A-Cu. and Ci-Cu. Barometer rising fast. Small inversion 3·59 km. to 3·77 km. Temp. 257½ a. to 278 a. *Pressure distribution.* Type XI. Indefinite gradients over N. England.
517.	17.45.	12.11.24.	Weather fine with trace of St-Cu. Trace of an inversion near ground. Inversion 2·88 km. to 3·01 km. Temp. 264 a. to 265 a. *Pressure distribution.* Type IXa. Small low over N. France, shallow elongated high centred over N.W. Scotland. Above 3 km. S.S.W. winds prevailed.
519.	17.30.	13.11.24.	Weather overcast. Stratus cloud sheet at 600 m. from S.E.'S. Some trace of inversion near ground. Well marked inversion at 1·98 km. Temp. 270 a. to 271 a. Well marked inversion at 2·84 km. Temp. 266 a. to 269 a. Isothermal patch 3·75 km. to 4·25 km. at 264 a. *Pressure distribution.* Type VIIb. Large anticyclone covering most of Western Europe and a large depression centred S.W. of Iceland.
521.	12.25.	4.12.24.	Weather overcast with St sheet. Balloon fell in France and did not burst. Up and down traces differed but little, and the mean was used. Inversion on up trace at 3·45 km. Temp. 263½ a. to 265½ a. Inversion on down trace at 4·35 km. Temp. 259½ a. to 261½ a. Very rapid fall of temperature in lower part of the Stratosphere just above the initial inversion. *Pressure distribution.* Type Va. Large depression coming in from Atlantic. Above the surface distribution a pronounced N. or N.W. current existed over S. England.

T = Temperature in Degrees Absolute. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	467.	469.	471.	472.	473.	476.	478.	479.	480.	481.	482.	484.	485.
Date. Station.	Jan. 1. Sealand.	Jan. 3. Sealand.	Feb. 9. Kew.	Feb. 13. Kew.	Feb. 27. Sealand.	Mar. 5. Sealand.	Mar. 7. Kew.	Mar. 8. Kew.	Mar. 17. Sealand.	Mar. 18. Sealand.	Mar. 19. Sealand.	Mar. 21. Kew.	Mar. 22. Sealand.
Start (G.M.T.)	16h. 10m.	16h. 39m.	10h. 30m.	14h. 43m.	17h. 23m.	17h. 30m.	17h. 26m.	17h. 30m.	7h. 15m.	7h. 20m.	7h. 20m.	8h. 16m.	11h. 32m.

496. HEIGHTS AND TEMPERATURES CORRESPONDING WITH ISOBARIC SURFACES. **1924.**

Pressure.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.	H.	T.
Millibars.	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +	km.	a. 200 +
100	...	...	...	...	16·05	23	...	...	...	...	...	...	15·87	15	...	...	...	...	15·90	19	15·94	21	...	...	...	...	...	...
200	11·87	18	11·68	19	11·53	25	...	...	11·49	21	11·22	18	11·54	7	11·53	9	11·55	11	11·49	12	11·50	14	...	...	...	...	...	...
300	9·25	27	9·09	26	8·86	26	...	...	8·90	18	8·65	18	9·05	19	9·02	19	9·00	21	8·95	21	8·93	24	...	...	8·98	26	...	...
400	7·29	42	7·12	43	6·91	40	...	...	7·01	31	6·80	25	7·15	33	7·12	33	7·07	37	7·03	37	6·98	38	7·03	39	7·02	38	...	...
500	5·66	55	5·50	54	5·30	51	...	...	5·46	43	5·29	37	5·59	46	5·56	44	5·47	50	5·46	47	5·40	46	5·44	51	5·44	50	...	...
600	4·29	63	4·14	60	3·92	61	...	...	4·14	52	4·00	49	4·25	56	4·23	55	4·13	57	4·11	56	4·06	55	4·07	59	4·07	61	...	...
700	3·08	71	2·95	65	2·73	68	2·82	63	2·99	61	2·86	57	3·08	63	3·05	65	2·95	63	2·94	63	2·90	63	2·88	68	2·89	66	...	...
800	2·01	77	1·91	68	1·67	74	1·78	68	1·94	69	1·84	64	2·04	69	2·00	71	1·91	65	1·90	65	1·85	68	1·82	74	1·83	74	...	...
900	1·04	81	0·98	72	0·72	77	0·86	66	1·01	74	0·92	70	1·10	75	1·06	73	1·00	68	0·99	69	0·93	71	0·87	77	0·88	77	...	...
1000	0·18	...	0·13	...	...	...	0·03	...	0·15	...	0·08	...	0·25	...	0·21	...	0·17	...	0·14	...	0·09	...	0·02	...	0·01	...	...	...

497. PRESSURES AND TEMPERATURES AT GIVEN HEIGHTS. **1924.**

Heights.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.	P.	T.
Kilometres		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	62	21	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	71	15	...	...	...	...	72	20	73	21	...	...	...	...	...	...
17	...	...	...	...	86	23	...	...	...	...	...	...	84	15	...	...	...	...	84	19	85	19	...	...	...	...	...	...
16	...	...	...	...	101	23	...	...	...	...	...	...	98	15	...	...	...	...	98	19	99	21	...	...	...	...	...	...
15	...	...	...	...	117	23	...	...	116	20	...	...	115	15	...	...	...	...	115	19	116	20	...	...	...	...	...	...
14	...	...	...	...	137	23	...	...	136	21	129	17	135	15	...	...	...	...	135	18	135	19	...	...	...	...	...	...
13	...	...	...	...	160	23	...	...	158	23	151	16	158	15	...	...	...	...	158	18	158	19	...	...	...	...	...	...
12	196	18	190	20	186	25	...	...	185	21	177	18	186	9	186	11	...	...	185	15	185	17	...	...	...	...	...	...
11	229	20	223	14	217	24	...	...	216	19	207	17	219	6	218	9	219	13	217	11	217	13	...	...	...	...	...	...
10	267	23	261	19	253	23	...	...	252	18	243	17	258	12	257	15	256	17	255	15	254	17	...	...	257	21	...	...
9	311	29	304	27	294	26	...	...	295	17	284	17	303	19	300	19	300	21	298	21	297	24	...	...	299	25	...	...
8	361	35	353	35	341	31	...	...	345	24	332	19	353	27	350	26	349	29	347	29	345	31	...	...	347	32	...	...
7	416	44	407	43	395	40	...	...	401	31	388	23	409	35	407	33	404	38	402	37	399	38	402	39	402	37	...	...
6	478	53	467	50	454	47	...	...	463	39	451	31	472	43	470	41	465	46	463	43	460	43	463	47	463	45	...	...
5	546	60	535	56	520	53	...	...	533	47	521	39	542	51	540	49	533	53	532	50	528	49	530	55	530	53	...	...
4	622	65	611	61	594	61	...	...	611	53	600	49	620	57	618	57	610	57	609	57	605	56	606	60	606	61	...	...
3	707	71	696	65	676	67	683	61	699	61	687	56	707	63	705	65	696	63	694	63	690	62	690	67	690	65	...	...
2·5	753	73	742	65	720	69	729	64	745	65	734	60	755	67	751	68	741	64	741	65	736	66	735	71	734	69	...	...
2	801	77	791	68	767	72	778	66	795	68	784	63	804	70	800	71	791	65	790	65	785	69	782	73	782	73	...	...
1·5	851	81	843	69	817	75	829	70	847	71	836	66	856	73	852	73	844	65	842	65	837	67	833	75	833	74	...	...
1	905	81	898	72	869	75	884	65	901	74	891	69	911	73	907	73	900	68	898	69	892	71	886	77	887	77	...	...
0·5	962	77	956	76	925	77	942	69	959	77	949	72	970	76	965	75	959	71	957	72	950	74	942	76	942	81	...	...
G.L.	1023	81	1016	78	983	79	1003	73	1018	79	1009	75	1030	77	1026	79	1021	71	1018	69	1011	71	1001	77	1001	85	...	...

Note.—The temperatures are derived from the original tabulations which are generally made to the nearest half-degree and are shown to the nearest whole degree.

LAPSE RATE OF TEMPERATURE BETWEEN GIVEN HEIGHTS.

498. Degrees absolute per kilometre. **1924.**

Kilometres													
19 to 20	...	...	...	...	...	...	...	...	...	...	...	...	...
18 to 19	...	...	...	...	...	...	...	...	...	—1	...	...	...
17 to 18	...	...	...	...	...	...	0	...	...	—1	—1	...	...
16 to 17	...	...	0	...	...	...	0	...	...	0	1	...	...
15 to 16	...	...	0	...	...	...	0	...	...	0	—1	...	...
14 to 15	...	...	0	...	1	...	0	...	...	—1	—1	...	...
13 to 14	...	...	0	...	2	—1	0	...	...	0	1	...	...
12 to 13	...	...	1	...	—3	1	—6	...	...	—3	—3	...	...
11 to 12	2	—6	—1	...	—1	—1	3	—1	...	—5	—3	...	...
10 to 11	3	5	—1	...	—1	—1	6	6	4	3	5	...	...
9 to 10	6	7	3	...	—1	1	7	4	4	6	7	...	5
8 to 9	7	9	5	...	7	1	8	7	8	8	7	...	7
7 to 8	9	9	9	...	7	5	8	7	9	8	7	...	5
6 to 7	9	7	7	...	9	7	9	8	8	7	5	7	7
5 to 6	7	6	6	...	7	9	7	8	7	7	5	9	8
4 to 5	5	5	7	...	6	9	7	8	4	7	7	5	7
3 to 4	6	4	5	...	8	7	6	8	6	5	6	7	5
2·5 to 3	4	2	5	5	8	8	6	6	2	4	8	7	8
2 to 2·5	8	5	6	4	6	6	7	6	2	1	5	5	8
1·5 to 2	7	2	5	8	7	6	7	4	0	1	—3	4	2
1 to 1·5	1	6	2	—11	5	7	1	0	6	7	7	4	5
0·5 to 1	8	8	3	9	7	5	6	4	6	6	7	—2	9
Gd. to ·5	8	4	4	10	2	6	2	8	0	—6	—6	3	9

Note.—The lapse rates are derived from the original tabulations which are generally made to the nearest half-degree.

T = Temperature in Degrees Absolute. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	486.	488.	490.	491.	492.	493.	494.	495.	496.	497.	498.	499.	501.	502.
Date. Station.	May 7. Sealand.	May 9. Sealand.	May 23. Sealand.	May 25. Sealand.	June 5. Sealand.	June 16. Eng. Chnl.	July 14. Sealand.	July 15. Sealand.	July 16. Kew.	July 17. Sealand.	July 18. Sealand.	July 19. Sealand.	Aug. 7. Kew.	Sept. 3 Sealand
Start (G.M.T.)	19h. 5m.	19h. 12m.	19h. 5m.	9h. 40m.	18h. 30m.	17h. 54m.	7h. 20m.	7h. 15m.	11h. 15m.	7h. 15m.	7h. 25m.	7h. 15m.	18h. 10m.	7h. 22m

496. HEIGHTS AND TEMPERATURES CORRESPONDING WITH ISOBARIC SURFACES—*continued.* **1924.**

Pressure.	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*
Millibars.		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +	
100	16·14	26	...	...	16·20	25	...	...	16·62	20	...	...	16·75	23	16·66	21	...	...	16·63	29	...	...	...	...	...	...	...
200	11·52	31	11·67	14	11·59	29	...	...	11·81	10	...	...	12·26	22	12·22	19	...	...	11·98	31	11·91	35	11·89	31	...	...	12·11
300	8·78	29	9·13	23	8·89	25	8·95	36	9·21	30	...	...	9·53	40	9·53	37	...	...	9·25	34	9·12	31	9·18	29	9·22	29	9·45
400	6·87	29	7·19	41	6·96	35	6·98	37	7·21	44	...	...	7·46	51	7·46	53	7·38	50	7·23	48	7·17	41	7·19	42	7·25	41	7·42
500	5·33	42	5·58	52	5·38	47	5·40	49	5·59	55	...	...	5·79	62	5·78	63	5·72	61	5·59	57	5·56	54	5·57	53	5·64	53	5·76
600	4·02	53	4·21	62	4·04	57	4·04	58	4·21	63	4·33	69	4·37	70	4·36	71	4·30	71	4·20	66	4·17	62	4·19	63	4·27	61	4·35
700	2·86	63	3·01	68	2·87	64	2·86	67	3·02	67	3·10	78	3·13	75	3·12	77	3·06	78	2·98	73	2·98	68	2·99	69	3·08	68	3·12
800	1·81	69	1·95	72	1·82	70	1·80	74	1·96	73	2·00	84	2·05	80	2·02	82	1·96	83	1·91	74	1·92	75	1·93	74	2·02	73	2·04
900	0·87	76	1·01	76	0·88	76	0·85	80	1·01	79	1·01	89	1·09	81	1·05	84	0·98	87	0·96	81	0·96	81	0·98	80	1·07	79	1·08
1000	0·01	...	0·14	...	0·02	...	...	...	0·15	...	0·12	...	0·20	...	0·17	...	0·09	...	0·08	...	0·09	...	0·11	...	0·19	...	0·21

497. PRESSURES AND TEMPERATURES AT GIVEN HEIGHTS—*continued.* **1924.**

Heights.	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*
Kilometres		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +	
20	...	...	...	...	...	...	...	...	...	...	...	...	61	29	60	26	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	71	27	70	24	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	83	25	81	23	...	...	...	...	...	...	...	...	...
17	88	26	...	...	88	25	...	...	89	21	...	...	96	26	95	22	...	...	95	30	...	...	...	...	...
16	102	26	...	...	103	25	...	...	104	20	...	...	112	21	111	21	...	...	110	29	...	...	109	33	...	...	108
15	119	27	...	...	120	27	...	...	121	19	...	...	131	22	129	19	...	...	128	28	127	32	127	32	...	...	127
14	138	30	...	...	139	27	...	...	141	20	...	...	153	22	151	17	...	...	148	30	147	33	146	32	...	...	148
13	160	30	162	18	162	27	...	...	165	17	...	...	178	21	177	17	...	...	172	31	171	34	170	31	...	...	174
12	186	31	190	15	188	29	...	...	194	11	...	...	207	23	207	20	...	...	199	31	197	35	197	31	...	...	203
11	216	31	223	12	218	28	...	...	228	15	...	...	242	29	241	26	...	...	232	29	229	35	228	31	229	27	237
10	250	31	262	15	254	28	257	35	266	23	...	...	280	37	280	33	...	...	268	29	265	32	265	27	267	28	276
9	290	29	306	24	295	25	298	36	310	31	...	...	323	43	323	41	...	...	312	35	307	31	308	30	310	29	320
8	338	27	356	33	344	28	345	34	358	39	...	...	371	49	372	49	367	45	359	42	355	35	356	37	359	35	369
7	392	29	411	42	398	35	399	37	412	45	...	...	425	54	426	55	421	53	413	49	410	43	411	43	414	43	423
6	455	36	472	49	459	43	460	45	473	52	...	...	486	61	486	62	481	59	473	55	471	51	471	50	476	50	484
5	524	45	540	57	527	50	528	52	541	59	550	64	553	67	553	67	548	67	540	62	538	58	539	58	544	58	551
4	601	53	616	63	603	57	604	59	617	63	626	71	628	73	628	73	622	73	615	67	614	63	615	63	621	63	627
3	687	62	701	69	688	64	687	66	702	67	709	79	712	76	711	78	706	79	698	73	698	68	700	69	707	69	711
2·5	733	65	746	69	734	67	733	69	748	69	753	81	757	79	755	81	750	81	743	74	744	71	745	72	753	69	756
2	781	69	795	72	783	69	780	73	797	73	801	83	805	80	803	82	796	83	791	73	792	74	793	73	802	73	804
1·5	832	71	846	75	833	72	831	77	848	75	850	87	855	78	853	83	846	85	842	77	843	77	844	77	853	77	855
1	886	75	901	77	887	75	884	79	901	79	902	89	910	82	906	85	898	87	895	81	896	81	898	80	907	80	909
0·5	942	...	958	79	943	80	939	83	958	83	957	...	966	86	962	...	953	89	951	85	952	85	954	83	904	85	966
G.L....	1001	81	1017	83	1002	85	997	85	1017	87	1014	93	1018	89	1020	89	1010	93	1010	87	1010	87	1013	86	1022	89	1025

Note.—The temperatures are derived from the original tabulations which are generally made to the nearest half-degree and are shown to the nearest whole degree.

LAPSE RATE OF TEMPERATURE BETWEEN GIVEN HEIGHTS—*continued.*

498. Degrees absolute per kilometre. **1924.**

Kilometres															
19 to 20	...	...	...	...	...	...	−2	−2	...	...	...	...	...	...	...
18 to 19	...	...	...	...	...	...	−2	−1	...	...	...	...	...	...	...
17 to 18	...	...	...	...	...	...	1	−1	...	...	...	...	...	...	...
16 to 17	0	...	−1	...	−1	...	−5	−1	...	−1	...	...	...	...	...
15 to 16	1	...	2	...	−1	...	1	−1	...	−1	...	−1	...	−1	
14 to 15	3	...	1	...	1	...	0	−2	...	2	1	0	...	−1	
13 to 14	0	...	0	...	−3	...	−1	0	...	1	1	−1	...	1	
12 to 13	1	−3	1	...	−6	...	3	3	...	0	1	1	...	2	
11 to 12	0	−3	−1	...	4	...	6	6	...	−2	0	−1	...	4	
10 to 11	1	3	0	...	8	...	7	7	...	1	−3	−4	1	6	
9 to 10	−2	9	−3	1	9	...	5	8	...	6	−1	3	1	8	
8 to 9	−3	9	3	−2	7	...	0	7	...	7	5	7	6	7	
7 to 8	2	9	7	3	6	...	5	7	7	7	7	7	7	7	
6 to 7	7	7	8	8	7	...	7	7	7	5	8	7	7	7	
5 to 6	9	7	7	7	7	...	6	5	8	7	7	8	8	7	
4 to 5	9	7	7	7	5	7	6	6	5	5	5	5	5	4	
3 to 4	9	5	7	7	4	8	3	5	6	6	5	6	6	4	
2·5 to 3	6	2	5	6	4	4	6	6	6	2	6	5	1	7	
2 to 2·5	7	5	5	7	7	5	2	2	3	−1	6	3	7	4	
1·5 to 2	5	5	6	8	6	8	−4	3	4	6	6	7	7	2	
1 to 1·5	8	5	7	5	8	4	8	1	5	8	8	6	7	−3	
0·5 to 1	6	4	9	8	8	3	8	4	3	8	7	6	9	8	
Gd. to 0·5		7	9	3	8		6		9	5	6	7	9		

Note.—The lapse rates are derived from the original tabulations which are generally made to the nearest half-degree.

T = Temperature in Degrees Absolute. P = Pressure in millibars. H = Height in kilometres above M.S.L.

No.	504.	505.	507.	509.	510.	511.	512.	513.	514.	515.	516.	517.	519.	521
Date. Station.	Sept. 4. Kew.	Sept. 4. Sealand.	Sept. 4. Sealand.	Sept. 4. Kew.	Sept. 4. Kew.	Sept. 5. Kew.	Oct. 2. Sealand.	Nov. 6. Sealand.	Nov. 11. Kew.	Nov. 11. Sealand.	Nov. 12. Sealand.	Nov. 12. Sealand.	Nov. 13. Sealand.	Dec. Kew
Start (G.M.T.)	7h. 00m.	7h. 30m.	11h. 10m.	18h. 51m.	23h. 00m.	18h. 35m.	17h. 35m.	17h. 28m.	7h. 15m.	17h. 30m.	7h. 55m.	17h. 45m.	17h. 30m.	17h. 2

496. HEIGHTS AND TEMPERATURES CORRESPONDING WITH ISOBARIC SURFACES—*continued*. **1924**

Pressure.	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	*T.*	*H.*	
Millibars.		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		
100	...	...	...	...	...	...	...	...	16·44	23	16·27	19	16·20	20	...	...	16·11	17	...	...	...	...	...	...	...	...	...	
200	...	...	12·00	28	11·90	25	11·80	24	11·88	26	11·79	23	11·76	19	11·81	12	11·74	14	11·69	23	...	...	11·72	22	11·77	11	11·75	
300	9·20	26	9·31	27	9·26	27	9·17	24	9·22	27	9·15	26	9·13	30	9·24	25	9·16	25	9·05	24	9·03	21	9·10	24	9·21	25	9·14	
400	7·24	42	7·34	43	7·28	44	7·23	41	7·25	43	7·19	41	7·13	45	7·28	40	7·22	39	7·12	37	7·12	33	7·17	34	7·25	41	7·15	
500	5·62	55	5·70	56	5·65	55	5·62	53	5·63	54	5·58	55	5·51	55	5·83	49	5·61	53	5·53	50	5·56	45	5·60	47	5·63	55	5·51	
600	4·24	63	4·32	67	4·27	63	4·24	63	4·25	63	4·20	64	4·13	63	4·33	60	4·25	63	4·18	58	4·22	55	4·26	56	4·25	63	4·13	
700	3·04	69	3·10	72	3·08	69	3·04	71	3·05	70	3·00	71	2·93	69	3·14	69	3·05	70	3·00	65	3·06	60	3·09	64	3·05	68	2·94	
800	1·99	76	2·03	77	2·01	74	1·97	75	1·98	77	1·93	75	1·87	73	2·07	75	1·98	75	1·95	69	2·02	67	2·05	68	2·00	70	1·88	
900	1·02	81	1·07	81	1·06	81	1·01	81	1·01	80	0·96	82	0·91	79	1·12	77	1·02	79	1·02	73	1·10	73	1·11	74	1·06	77	0·93	
1000	0·16	...	0·19	...	0·18	...	0·14	...	0·13	...	0·08	...	0·04	...	0·26	...	0·15	...	0·17	...	0·25	...	0·26	...	0·20	...	0·07	

497. PRESSURES AND TEMPERATURES AT GIVEN HEIGHTS—*continued*. **1924.**

Heights.	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	*T.*	*P.*	
Kilometres		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		200 +		
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
19	...	...	...	...	...	...	...	...	...	...	...	...	65	20	...	...	...	...	...	...	...	...	...	...	...	
18	...	...	...	...	...	...	...	...	...	...	...	...	76	19	...	...	...	...	...	...	...	...	...	...	...	
17	...	...	...	...	...	...	...	...	92	23	...	...	88	20	...	...	...	...	...	...	...	...	...	...	...	
16	...	...	...	...	...	...	...	...	107	23	104	20	103	20	...	...	102	17	...	...	...	...	...	...	...	
15	...	...	...	...	...	...	...	...	125	24	122	20	121	19	...	...	119	16	...	...	...	...	...	...	...	
14	...	...	...	...	146	25	...	...	145	25	142	21	141	19	141	11	140	16	...	...	...	...	141	21	...	...	140	
13	...	...	172	28	169	25	167	23	169	25	166	21	165	19	165	15	164	15	...	...	...	...	164	21	...	...	164	
12	...	...	200	28	197	25	194	24	197	25	194	23	193	19	194	13	192	15	192	23	...	...	191	21	193	11	193	
11	...	...	232	28	230	21	227	23	229	25	227	22	225	17	227	15	225	15	223	23	...	...	223	21	227	11	225	
10	...	...	270	23	268	21	264	20	266	23	264	23	263	23	267	20	263	21	259	23	258	19	261	20	266	18	263	
9	309	27	314	28	312	29	308	25	310	28	307	27	306	31	311	26	307	25	302	25	301	21	304	25	310	27	307	
8	359	35	364	37	361	38	358	35	359	36	356	35	354	39	361	35	357	33	351	31	351	28	354	29	359	35	355	
7	414	44	419	45	416	47	413	43	414	44	411	43	407	45	416	42	412	41	407	38	407	33	410	35	414	43	409	
6	475	51	480	53	477	53	475	50	475	52	472	51	468	52	479	47	474	49	469	47	470	42	472	43	476	52	469	
5	543	59	549	61	545	59	543	58	543	58	540	59	535	58	549	55	543	57	537	53	540	50	543	51	544	59	536	
4	619	64	625	69	622	65	619	65	620	65	615	65	610	63	626	63	619	64	614	59	618	57	620	57	620	64	610	
3	704	69	709	72	707	70	703	71	704	71	700	71	693	69	712	70	704	71	700	65	705	61	708	64	705	69	695	
2·5	750	73	754	75	752	73	749	73	750	73	744	73	738	70	758	73	749	73	746	69	752	65	755	65	751	68	740	
2	799	76	803	77	801	74	797	75	797	77	793	75	787	72	807	75	798	75	795	69	802	68	805	69	800	70	788	
1·5	849	78	853	79	852	77	848	78	848	78	843	79	837	76	858	77	848	77	847	71	855	71	857	71	852	73	839	
1	903	81	907	81	906	81	902	81	902	80	896	82	890	79	913	75	902	79	902	73	911	73	913	75	906	77	892	
·5	959	83	964	...	962	86	957	84	958	...	952	86	947	83	971	77	959	81	960	...	970	...	972	78	965	79	949	
G.L.....	1018	87	1023	85	1022	91	1016	88	1015	87	1010	89	1005	85	1032	79	1018	81	1020	83	1031	78	1033	77	1025	80	1008	

Note.—The temperatures are derived from the original tabulations which are generally made to the nearest half-degree and are shown to the nearest whole degree.

LAPSE RATE OF TEMPERATURE BETWEEN GIVEN HEIGHTS—*continued*.

498. Degrees absolute per kilometre. **1924.**

Kilometres															
19 to 20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 to 19	...	...	...	...	...	...	—1	...	...	...	...	...	...	...	...
17 to 18	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
16 to 17	...	...	...	...	1	...	0	...	...	...	...	...	...	...	...
15 to 16	...	...	...	...	1	0	—1	...	—1	...	...	...	...	...	...
14 to 15	...	...	...	...	1	1	—1	...	0	...	...	...	...	...	...
13 to 14	...	...	0	...	1	0	1	3	—1	...	...	1	...	3	
12 to 13	...	0	—1	1	1	2	0	—1	—1	...	...	1	...	+1	
11 to 12	...	0	—4	—1	—1	—1	—2	1	0	0	...	—1	—1	1	
10 to 11	...	—5	1	—3	—1	1	5	5	6	0	...	—1	7	7	
9 to 10	...	5	7	5	5	4	8	6	5	1	3	5	9	9	
8 to 9	9	9	9	9	8	8	8	9	7	6	7	5	9	8	
7 to 8	9	8	9	8	8	8	7	7	9	7	5	6	9	7	
6 to 7	7	9	7	7	8	8	7	5	8	9	9	8	9	7	
5 to 6	7	8	6	8	6	8	6	8	7	7	8	8	7	5	
4 to 5	5	7	6	7	7	5	5	7	7	5	7	5	5	4	
3 to 4	5	3	5	6	6	7	5	7	7	7	4	7	5	5	
2·5 to 3	7	7	7	3	5	4	3	6	5	6	8	3	—1	6	
2 to 2·5	6	3	1	5	7	4	4	5	4	2	7	6	4	4	
1·5 to 2	4	3	5	6	3	8	8	3	4	4	5	6	6	2	
1 to 1·5	6	6	9	6	4	6	6	—4	5	4	5	7	8	5	
0·5 to 1	4	} 4	10	6	} 7	8	7	5	3	} 9	} 5	6	5	5	
Gd. to 0·5	9		9	7		7	6	2	0			—2	1	5	

Note.—The lapse rates are derived from the original tabulations which are generally made to the nearest half-degree.

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